



INFORMATION ONLY

State of New Jersey

Department Of Transportation
1035 Parkway Avenue
PO Box 600
Trenton, New Jersey 08625-0600

James E. McGreevey
Governor

John F. Lettiere
Commissioner

ROUTE U.S. 206 At Entrance To Stokes State Forest

CONTRACT NO. 120950525

FEDERAL PROJECT NO. STP-0035 (166)

COUNTY OF Sussex

ADDENDUM NO. 1

Gentlemen,

Transmitted herewith is ADDENDUM NO. 1 consisting of Page No. 1 for the above captioned Project.

The date for Receipt of Bids is POSTPONED to THURSDAY, NOVEMBER 13, 2003.

FOR PROSPECTIVE BIDDERS ONLY

An authorized representative of your organization shall acknowledge receipt of this information by signing the enclosed acknowledgement form and returning it to Mr. P. Cruz, Bureau of Construction Services, prior to the scheduled time for receipt of bids.

Joseph A. Fasanella for

Henry J. Miller, Manager
Bureau of Quality Assurance

DP#03124

Bid Date 11/13/03

0 Plan Sheets

c: K. Desai (3), H. Capers (2), R. Maruca, P. Cruz, H. Miller, R. Lee, B. Cook, J. Fasanella

INFORMATION ONLY

To: P. Cruz, Bureau of Construction Services
NJDOT
1035 Parkway Avenue
Trenton, NJ 08625-0600

STATE OF NEW JERSEY
DEPARTMENT OF TRANSPORTATION

ACKNOWLEDGEMENT

Route U.S. 206 At Entrance To Stokes Forest

Acknowledgement is hereby made of the receipt of ADDENDUM No. 1 Containing information for the above referenced Project.

This acknowledgement is made by the Bidder, if an individual; by a partner, is a partnership; or by an officer of the corporation, if a corporation.

(Firm Name) _____
(Please Print or Type)

(Signature) _____

(Title) _____

(Date) _____

**NOTE: A BID PROPOSAL WILL NOT BE OPENED IF
A SIGNED ACKNOWLEDGEMENT HAS NOT
BEEN RECEIVED BY THE DEPARTMENT.**

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ROUTE U.S. 206 At Entrance To Stokes State Forest

CONTRACT NO. 120950525

FEDERAL PROJECT NO. STP-0035 (166)

COUNTY OF Sussex

ADDENDUM NO. 2

Gentlemen,

Transmitted herewith is ADDENDUM NO. 2 consisting of Page Nos. 1 through 9 for the above captioned Project.

FOR PROSPECTIVE BIDDERS ONLY

An authorized representative of your organization shall acknowledge receipt of this information by signing the enclosed acknowledgement form and returning it to Mr. P. Cruz, Bureau of Construction Services, prior to the scheduled time for receipt of bids.

Henry J. Miller

Henry J. Miller, Manager
Bureau of Quality Assurance

DP#03124

Bid Date 11/13/03

3 Plan Sheets

c: K. Desai (3), H. Capers (2), R. Maruca, P. Cruz, H. Miller, R. Lee, B. Cook, J. Fasanella

**ROUTE 206 AT THE ENTRANCE TO STOKES STATE FOREST
CONTRACT NO. 120950525
SUSSEX COUNTY**

**ADDENDUM NO. 2
PAGE 1**

THE FOLLOWING CHANGES ARE MADE TO THE PLANS:

Attachments 1 through 3 inclusive, of Addendum Number 2 are **ADDED** to the plans.

Attachment 4, of Addendum 2, **REPLACES** the right side of the Earthwork Summary entitled ROUTE U.S. 206 NORTHBOUND CONSTRUCTION (STAGE I CONSTRUCTION), on sheet 58.

THE FOLLOWING CHANGES ARE MADE TO THE SPECIAL PROVISIONS:

On Page Number 3 under subsection 102.06 Examination of Contract Documents and Site of Project. The following is **ADDED**:

1. Investigation of Subsurface and Surface Conditions.

THE SECOND SENTENCE OF THE FIRST PARAGRAPH IS CHANGED TO:

Where such investigations have been made, Bidders may, upon written request, inspect the records and reports of the Department as to such investigations subject to and upon the conditions set forth herein.

THE FOLLOWING IS ADDED TO THE SECOND PARAGRAPH:

Geotechnical Engineering Design Reports, if reports are prepared, are parts of the design information made available. Such reports that are prepared for design purposes were designed with reasonable care and in good faith. The analyses and recommendations submitted in these reports are based in part upon the data obtained from subsurface explorations. The nature and extent of variations between these explorations may not become evident until construction. If variations then appear evident, it will be necessary to reevaluate the recommendations of these reports.

If a generalized soil profile is described in the text it is intended to convey trends in subsurface conditions. The boundaries between strata are approximate and idealized and have been developed by interpretations of widely spaced explorations and

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PAGE 2**

samples; actual soil transitions may vary. For specific information, refer to the boring logs.

These reports have been prepared for the exclusive use of the New Jersey Department of Transportation for specific application to this project in accordance with generally accepted soil and foundation engineering practices. No other warranty, express or implied, is made.

These reports are for design purposes only and are not sufficient to prepare an accurate bid. Contractors may review these reports with the understanding that their scope is limited to design considerations only.

These reports may contain comparative cost estimates for the purpose of evaluating alternative foundation schemes. These estimates may also involve approximate quantity evaluations. It should be noted that quantity estimates might not be accurate enough for construction bids.

The accuracy of cost estimates as compared to contractor's bids for construction costs is not guaranteed. There is no warranty or guaranty, either expressed or implied, that the conditions indicated in these reports are representative of those existing throughout the project, or any part thereof, or that unlooked-for development may not occur, or that soil properties other than, or at variance with those indicated, may not exist.

THE FOLLOWING IS ADDED TO THE THIRD PARAGRAPH:

Geotechnical Engineering Design Reports may be inspected at the Department's plan file at the same address.

THE EIGHTH PARAGRAPH IS CHANGED TO:

Information derived from such inspection of records of investigations and reports or compilation thereof made by the Department, the Consultant, or assistants, does not relieve the Bidder or Contractor from any risk or from properly fulfilling the terms of the Contract.

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utilizing whatever means necessary to preserve as many of the original roots on the stumps as possible.

Construction Requirements.

During the construction of the vernal pool in Wetland area D', the contractor shall include as an integral part of the construction activities, the placement of the Wetland Tree Stumps. The Wetland Tree Stumps shall be placed in accordance with the plans and as to create a natural appearance. The stumps shall be placed on edge so that the roots mass is left in a vertical position.

Method of Measurements.

Wetland Tree Stumps will be measured by the number of each.

Basis of Payment.

Payment will be made under:

<i>Pay Item</i>	<i>Pay Unit</i>
WETLAND TREE STUMPS	UNIT

WETLAND TREE STUMPS WITH TRUNK AND BRANCHES

Description.

This work shall consist of the excavating, stockpiling and final placement of tree stumps, with a portion of the trunk and branches still attached, that have originated from within the limits of the project.

Materials.

As part of the various construction activities, the contractor shall collect tree stumps for use in the construction of the vernal pool in Wetland area D. The stumps shall originate from trees to be removed from within the project area that were in relatively good health and shall be of any species of tree. The size of the stumps shall be determined by measuring the diameter of the original tree trunk just above the ground line and shall be a minimum of 0.25M in diameter. A minimum 5M long section of the original trunk shall remain as part of the stump. In addition, as many of the side branches of the tree trunks shall also be preserved. As part of the collection of the tree stumps, the contractor shall remove the stumps from the ground utilizing whatever means necessary to preserve as many of the original roots on the stumps as possible.

Construction Requirements.

During the construction of the vernal pool in Wetland area D', the contractor shall include as an integral part of the construction activities, the placement of the Wetland

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**ADDENDUM NO. 2
PAGE 5**

Tree Stumps With Trunks and Branches. The Wetland Tree Stumps shall be placed in accordance with the plans and as to create a natural appearance. The Wetland Tree Stumps shall be placed on edge so that the root mass is in the vertical position and the trunk with the branches shall be located within the vernal pool.

Method of Measurements.

Wetland Tree Stumps With Trunks and Branches will be measured by the number of each.

Basis of Payment.

Payment will be made under:

<i>Pay Item</i>	<i>Pay Unit</i>
WETLAND TREE STUMPS WITH TRUNKS AND BRANCHES	UNIT

SECTION 805 – PREPARATION OF EXISTING SOIL

THE FOLLOWING IS ADDED TO THIS SECTION

STRIPPING OF WETLAND TOPSOIL

Description.

This work shall consist of the stripping of the topsoil from within the area of Wetland Area D in preparation for the construction of the vernal pool. This soil will eventually be used as Wetland Topsoil for the vernal pool area.

Construction Requirements.

This work shall be completed in accordance with Section 202.03 Stripping except that the stripping depth will be a minimum of 200MM.

The topsoil that is stripped shall be relocated and stockpiled separately from other materials. The stripped topsoil will not be mixed with or contaminated by other materials.

Method of measurement.

Stripping of Wetland Topsoil will be measured by the Square Meter.

Basis of Payment.

Payment will be made under:

<i>Pay Item</i>	<i>Pay Unit</i>
STRIPPING OF WETLAND TOPSOIL	SQUARE METER

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**ADDENDUM NO. 2
PAGE 6**

SECTION 806 – TOPSOILING

THE FOLLOWING IS ADDED TO THIS SECTION

WETLAND TOPSOILING, 200MM THICK

Description.

This work shall consist of the furnishing, placing, and grading of the Wetland Topsoil previously stripped under the item Stripping of Wetland Topsoil.

Construction Requirements.

This work shall be in accordance with Section 806.03.

Method of Measurement.

Wetland Topsoiling, 200MM Thick will be measured by the Square Meter.

Basis of Payment.

Payment will be made under:

<i>Pay Item</i>	<i>Pay Unit</i>
WETLAND TOPSOILING, 200MM THICK	SQUARE METER

BENTONITE MAT

Description.

This work shall also consist of the furnishing of material for and the construction of an impervious bentonite mat, the preparation of the area on which it is to be placed, permeability testing and any necessary dewatering. The work specifically includes the preparation of the area on which the bentonite mat is to be placed and any necessary dewatering.

Materials.

The bentonite mat shall be a manufactured product. Prior to using this product, the contractor shall submit to the engineer samples, certified test results, manufacturer's recommendations for preparation of the subgrade and for installation, and all else necessary, to the satisfaction of the engineer, showing that the product is adequate to meet all requirements and the intent of these specifications.

The product and proposed method of installation shall be subject to the engineer's approval. The bentonite mat shall not be placed without the engineer's written approval.

The bentonite mat shall be a geocomposite liner manufactured from geotextiles and bentonite. It shall be manufactured by bonding mechanically the geotextile and the

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bentonite without chemical additives. The bentonite mat shall have mechanical properties such that it will not deteriorate, separate, break or tear during transportation, handling, placement and subsequent covering by the liner cover. It shall not be adversely affected by light or weather conditions expected during the process of delivering, handling and placement. The bentonite mat shall exhibit characteristics of durability after placement, as evidenced by the manufacturer's test results, satisfactory to the engineer. To fulfill the intent of these specifications, the permeability of the bentonite mat shall be not more than that specified for the clay liner, 150 mm thick.

The bentonite mat shall be manufactured in dimensions (width and length) suitable for the site and the proposed method of installation. Lines shall be printed on the mat to ensure quality control of the overlaps required during installation.

Construction Requirements.

The bentonite mat shall be stored in accordance with the manufacturer's recommendations.

Prior to placing the bentonite mat, the subgrade shall be shaped and compacted to grade and contour with a firm and even surface, to the complete satisfaction of the engineer. The subgrade shall provide a smooth surface for the installation of the mat, and shall not be subject to rutting by installation equipment. Debris and angular or sharp objects or rocks shall be removed prior to the installation.

The mat, in rolls or otherwise, shall be handled in accordance with the manufacturer's recommendations, with respect to equipment and workmanship.

Work on the slopes shall be done before work on the bottom.

Seams and overlaps shall be done in accordance with the manufacturer's recommendations and to the satisfaction of the engineer. Additional bentonite shall be used as necessary at the seams.

The contractor shall only work in an area which can be completed in one day, including the minimum recommended cover.

Rips or tears shall be repaired as per the manufacturer's recommendations and to the satisfaction of the engineer, or the area of concern replaced when ordered by the engineer.

Dewatering, as required, prior to and during installation of the bentonite mat, shall be the continuous responsibility of the contractor.

During the first days of the installation of the bentonite mat, a representative of the manufacturer shall be present and provide assistance to the contractor and to the engineer regarding installation procedures.

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Method of Measurement.

Bentonite Mat will be measured by the Square Meter. Overlaps and folds in the bentonite mat required by the installation procedures to anchor the mat will not be included for payment.

Basis of Payment.

Payment will be made under:

<i>Pay Item</i>	<i>Pay Unit</i>
BENTONITE MAT	SQUARE METER

SECTION 813 – PLANTING

THE FOLLOWING IS ADDED TO THIS SECTION

NATURAL BOULDERS, 600 TO 800 MM DIAMETER

Description.

This work shall consist of the furnishing, grading and sorting and final placement of natural boulders in the size as indicated.

Materials.

As part of the various construction activities, the contractor shall collect boulders in the size as indicated for use in the construction of the vernal pool wetland area. The boulders shall be natural in appearance and shall be graded and stockpiled for later use as designated. If sufficient quantities of on-site natural boulders are not available for this purpose, the contractor shall substitute boulders from outside the project limits that are similar in size and appearance as those specified, at no cost to the state. Concrete, chunks of concrete, or quarry derived rip-rap stones are not acceptable.

Construction requirements.

During the construction of the vernal pool in Wetland area 'D', the contractor shall include as an integral part of the construction activities, the placement of the Natural Boulders. The natural boulders shall be placed in such a manner as to create a natural appearance in accordance with the plans and details.

Method of Measurement.

Natural boulders, 600 to 800MM DIAMETER will be measured by the number of each.

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Basis of Payment.

Payment will be made under:

Pay Item

Pay Unit

NATURAL BOULDERS, 600 TO 800MM DIAMETER.

UNIT

Separate payment will not be made for Watering, but will be included in the prices bid for plant material.

THE FOLLOWING CHANGES ARE MADE TO THE PROPOSAL:

<u>Proposal Page</u>	<u>Item Number</u>	<u>Remarks</u>
3	17	Quantity Change
3	18	Quantity Change
4	27	Quantity Change
6	45	New Item
11	78	Quantity Change
16	--	*Items Moved
17	--	*Items Moved
18	119 to 127	*Items Moved/New Items
19	128 to 131	*Items Moved/New Items

*The items listed on the original white proposal pages 16,17 and 18 have been moved to pink proposal page 16. The listed on original white proposal page 19 have been moved to pink proposal sheet 17. New items are listed on pink proposal sheet 18 and 19.

The attached **PINK** proposal Pages 3, 4, 6, 11, 16, 17, 18 and 19, **REPLACE** the original **WHITE** Proposal Pages of the same numbers.

Revised Estimate of Quantity and Distribution of Quantity Plan Sheets reflecting these **CHANGES** will not be issued at this time, but all corrections will be made during the preparation of the As-Builts.

EARTHWORK SUMMARY

ROUTE U.S. 206 NORTHBOUND CONSTRUCTION (STAGE I CONSTRUCTION)

EXCAVATION

ROADWAY EXCAVATION UNCLASSIFIED (FROM CROSS SECTIONS)

- ROUTE U.S. 206	=	8844 C.M.
- COURSEN ROAD	= +	56 C.M.
- CONSTRUCTION OF TEMP. PAVEMENT (STAGE I)	= +	208 C.M.
- WETLANDS MITIGATION SITE	= +	272 C.M.

SUBTOTAL = 8580 C.M.

STRIPPING IN CUTS (Approximated at 200mm)

- ROUTE U.S. 206 (7736 S.M. X 0.2M)	=	1547 C.M.
- COURSEN ROAD (44 S.M. X 0.2M)	= -	9 C.M.
- WETLANDS MITIGATION SITE (WETLAND STRIPPING) (698 S.M. X 0.2M)	= -	140 C.M.

SUBTOTAL = 6884 C.M.

ROADWAY EXCAVATION FROM PLAN SHEETS
TOTAL ROADWAY EXCAVATION UNCLASSIFIED

= + 0 C.M.
TOTAL = 6752 C.M.

EXCAVATION AVAILABLE FOR EMBANKMENT

ROADWAY EXCAVATION UNCLASSIFIED

- FOUNDATION EXCAVATION (WALLS 2 & 3)	=	6884 C.M.
- DITCH EXCAVATION, UNCLASSIFIED	= +	885 C.M.
- REMOVAL OF CONCRETE BASE COURSE (STAGE I DRAINAGE)	= +	15 C.M.
- LESS UNSUITABLE MATERIAL	= +	10 C.M.

SUBTOTAL = 7994 C.M.

ROADWAY EXCAVATION FROM PLAN SHEETS

TOTAL EXCAVATION AVAILABLE FOR EMBANKMENT
(7994 C.M. X 98% Shrinkage)

= 0 C.M.
= 7195 C.M.

EMBANKMENT

EMBANKMENT FROM CROSS SECTIONS

- ROUTE U.S. 206	=	1220 C.M.
- COURSEN ROAD	= +	395 C.M.
- REPLACEMENT EMBANKMENT AT WALLS 2 & 3	= +	694 C.M.

SUBTOTAL = 2309 C.M.

STRIPPING IN FILLS (Approximated at 200 MM)

- ROUTE U.S. 206 (1787 S.M. X 0.2M)	=	357 C.M.
- COURSEN ROAD (269 S.M. X 0.2M)	= +	54 C.M.

SUBTOTAL = 2720 C.M.

EMBANKMENT FROM PLAN SHEETS

TOTAL EMBANKMENT REQUIRED

TOTAL EXCAVATION AVAILABLE FOR EMBANKMENT
EXCESS EMBANKMENT

= + 0 C.M.
TOTAL = 2720 C.M.
= 6716 C.M.
= 3996 C.M.

WET EXCAVATION

WET EXCAVATION FROM CROSS SECTIONS

- WETLANDS MITIGATION SITE	TOTAL =	20 C.M.
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TOPSOILING

STRIPPING FROM CROSS SECTIONS SHEETS X-1 THROUGH X-9 & WETLANDS MITIGATION SITE

STRIPPING IN CUTS

- ROUTE U.S. 206	=	7736 S.M.
- COURSEN ROAD	= +	44 S.M.
- WETLAND MITIGATION SITE (WETLAND STRIPPING)	= +	698 S.M.

STRIPPING IN FILLS

- ROUTE U.S. 206	=	1787 S.M.
- COURSEN ROAD	= +	269 S.M.

TOTAL = 10534 S.M.
2107 C.M.

TOPSOIL AVAILABLE FROM CROSS SECTION SHEETS X-1 THROUGH X-9 & WETLANDS MITIGATION SITE
(10534 S.M. X 0.2M)

TOPSOILING FROM CROSS SECTION SHEETS X-1 THROUGH X-9 & PLAN SHEETS

- ROUTE U.S. 206	=	6285 S.M.
- COURSEN ROAD	= +	329 S.M.
- PLAN SHEETS	= +	0 S.M.

SUBTOTAL = 6614 S.M.

TOPSOILING FROM WETLANDS MITIGATION SITE

= 698 S.M.

TOPSOILING REQUIRED FROM CROSS SECTION SHEETS X-1 THROUGH X-9 & WETLANDS MITIGATION SITE
(6614 S.M. X 0.100M) + (698 S.M. X 0.200M)

TOTAL = 801 C.M.

POROUS FILL (MODULAR WALLS 2 & 3)

(INCLUDED IN MODULAR WALL ITEM)

TOTAL POROUS FILL = 1140 S.M.

NOTE: THE OVERALL EARTHWORK QUANTITIES ARE TOTALED ON THE ESTIMATE AND DISTRIBUTION OF QUANTITIES SHEETS. THESE TOTALS ARE THE ADDITION OF THE STAGE I AND STAGE II SUMMARIES.

ADDENDUM #2 , ATTACHMENT #4

PROJECT : ROUTE U.S. 206 AT ENTRANCE TO STOKES STATE FOREST
 CONTRACT NO. 120950525
 WIDENING, RESURFACING AND STRUCTURES
 SANDYSTON TOWNSHIP, SUSSEX COUNTY
 FEDERAL PROJECT NO. STP-0035(166)

PROPOSAL PAGE NO. 3
 BIDDER IDENTIFICATION
 NO. _____

ITEM NOS.	APPROX. QUANTS.	UNIT	ITEMS	UNIT PRICE		AMOUNTS	
				DOLLARS	CENT	DOLLARS	CENT
11	2,000	HOURL	TRAINEES 1G13I				
12	LUMP SUM	LUMP SUM	OWNER'S AND CONTRACTOR'S PROTECTIVE LIABILITY INSURANCE 1H21C	XXXXXXXXXX	XXXX		
13	LUMP SUM	LUMP SUM	PROGRESS SCHEDULE 1H21D	XXXXXXXXXX	XXXX		
14	LUMP SUM	LUMP SUM	MOBILIZATION 2A21C	XXXXXXXXXX	XXXX		
15	LUMP SUM	LUMP SUM	CLEARING SITE 2B05A	XXXXXXXXXX	XXXX		
16	2	HECTARE	STRIPPING 2B25B				
17	10,122	CUBIC METER	ROADWAY EXCAVATION, UNCLASSIFIED 2B09C				
18	220	CUBIC METER	WET EXCAVATION 2B17G				
19	50	SQUARE METER	REMOVAL OF CONCRETE BASE COURSE AND CONCRETE SURFACE COURSES 2B31G				
20	281	SQUARE METER	JOINT REMOVAL				

ADDENDUM NO. 2

INFORMATION ONLY

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PROPOSAL PAGE NO. 4
 BIDDER IDENTIFICATION
 NO. _____

ITEM NOS.	APPROX. QUANTS.	UNIT	ITEMS	AMOUNTS			
				UNIT PRICE			
				DOLLARS	CENT	DOLLARS	CENT
21	1,934	LINEAR METER	2B50G SAWCUTTING				
22	6,291	SQUARE METER	2B25L MILLING, 50 MM DEPTH				
23	1,252	SQUARE METER	2B80N MILLING, VARIABLE DEPTH				
24	15	CUBIC METER	2E41D DITCH EXCAVATION, UNCLASSIFIED				
25	349	CUBIC METER	2G23E ROCK EXCAVATION, SUBSURFACE STRUCTURES				
26	1,482	CUBIC METER	2H21C SUBBASE				
27	1,357	LINEAR METER	2L06A HEAVY DUTY SILT FENCE				
28	29	UNIT	2L22C INLET FILTERS				
29	375	MEGAGRAM	2L20F CONSTRUCTION DRIVEWAY				
30	50	UNIT	2L03H HAYBALES				

ADDENDUM NO. 2

INFORMATION ONLY

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PROPOSAL PAGE NO. 6
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ITEM NOS.	APPROX. QUANTS.	UNIT	ITEMS	UNIT PRICE		AMOUNTS	
				DOLLARS	CENT	DOLLARS	CENT
41	1,720	LINEAR METER	SAWING JOINTS IN INTERMEDIATE OR BASE COURSE				
42	2,032	MEGAGRAM	4F01A SUPERPAVE HOT MIX ASPHALT 12.5H64 SURFACE COURSE				
43	6,609	MEGAGRAM	4F01B SUPERPAVE HOT MIX ASPHALT 19H64 INTERMEDIATE COURSE				
44	2,338	MEGAGRAM	4F02C SUPERPAVE HOT MIX ASPHALT 25M64 BASE COURSE				
45	55	UNIT	4D02J CORE SAMPLES, HOT MIX ASPHALT				
46			9Z99Z NO ITEM	XXXXXXXXXX	XXXX	XXXXXXXXXX	XXXX
47	3	LINEAR METER	6A15B 150 MM CORRUGATED STEEL UNDERDRAIN PIPE				
48	163	LINEAR METER	6A21D UNDERDRAIN, TYPE F				
49	6	LINEAR METER	6B18A 450 MM DUCTILE IRON CULVERT PIPE				
50	5	LINEAR METER	6B11F 375 MM CORRUGATED METAL CULVERT PIPE				

ADDENDUM NO. 2

INFORMATION ONLY

PROJECT : ROUTE U.S. 206 AT ENTRANCE TO STOKES STATE FOREST
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PROPOSAL PAGE NO. 11
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ITEM NOS.	APPROX. QUANTS.	UNIT	ITEMS	UNIT PRICE		AMOUNTS	
				DOLLARS	CENT	DOLLARS	CENT
71	878	LINEAR METER	BEAM GUIDE RAIL, CORE-TEN STEEL				
72	5	UNIT	SLOTTED GUIDE RAIL TERMINALS, CORE-TEN STEEL				
73	1	UNIT	CONTROLLED RELEASE TERMINALS, CORE-TEN STEEL				
74	1	UNIT	CONTROLLED RELEASE TERMINAL ANCHORAGES, CORE-TEN STEEL				
75	4	UNIT	BEAM GUIDE RAIL ANCHORAGES, CORE-TEN STEEL				
76	523	LINEAR METER	RUB RAIL, CORE-TEN STEEL				
77	749	LINEAR METER	REMOVAL OF GUIDE RAIL				
78	2,022	LINEAR METER	SNOW FENCE, PLASTIC				
79	58	SQUARE METER	RIPRAP STONE CHANNEL PROTECTION, 300 MM THICK (D50=150 MM)				
80	64	SQUARE METER	RIPRAP STONE CHANNEL PROTECTION, 400 MM THICK (D50=200 MM)				

APPENDUM NO. 2

INFORMATION ONLY

PROJECT : ROUTE U.S. 206 AT ENTRANCE TO STOKES STATE FOREST
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 WIDENING, RESURFACING AND STRUCTURES
 SANDYSTON TOWNSHIP, SUSSEX COUNTY
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PROPOSAL PAGE NO. 16
 BIDDER IDENTIFICATION
 NO. _____

RETAINING WALLS

ITEM NOS.	APPROX. QUANTS.	UNIT	ITEMS	UNIT PRICE		AMOUNTS	
				DOLLARS	CENT	DOLLARS	CENT
114	700	SQUARE METER	5U01D RETAINING WALL, LOCATION NUMBER 1				
115	710	SQUARE METER	5U02D RETAINING WALL, LOCATION NUMBER 2				
116	335	SQUARE METER	5U03D RETAINING WALL, LOCATION NUMBER 3				

ADDENDUM NO. 2

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PROPOSAL PAGE NO. 17
 BIDDER IDENTIFICATION
 NO. _____

GENERAL BRIDGE ITEMS

ITEM NOS.	APPROX. QUANTS.	UNIT	ITEMS	UNIT PRICE		AMOUNTS	
				DOLLARS	CENT	DOLLARS	CENT
			2F10A				
117	505	CUBIC METER	COARSE AGGREGATE LAYER				
			2F12E				
118	1,685	CUBIC METER	FOUNDATION EXCAVATION				

ADDENDUM NO. 2

INFORMATION ONLY

PROJECT : ROUTE U.S. 206 AT ENTRANCE TO STOKES STATE FOREST
 CONTRACT NO. 120950525
 WIDENING, RESURFACING AND STRUCTURES
 SANDYSTON TOWNSHIP, SUSSEX COUNTY
 FEDERAL PROJECT NO. STP-0035(166)

PROPOSAL PAGE NO. 18
 BIDDER IDENTIFICATION
 NO. _____

ADDITIONAL ROADWAY ITEMS

ITEM NOS.	APPROX. QUANTS.	UNIT	ITEMS	UNIT PRICE		AMOUNTS	
				DOLLARS	CENT	DOLLARS	CENT
119	5	UNIT	WETLAND TREE STUMPS				
120	6	UNIT	WETLAND TREE STUMPS WITH TRUNK AND BRANCHES				
121	698	SQUARE METER	STRIPPING OF WETLAND TOPSOIL				
122	698	SQUARE METER	WETLAND TOPSOILING , 200 MM THICK				
123	478	SQUARE METER	BENTONITE MAT				
124	698	SQUARE METER	FERTILIZING AND SEEDING, TYPE LOLIDUM MULTIFORUM				
125	698	SQUARE METER	WOOD CELLULOSE FIBER MULCHING				
126	15	UNIT	VACCINIUM CORYMBOSUM				
			8M03J				
127	100	UNIT	JUNCUS EFFUSUS, BR, SEEDLING				

ADDENDUM NO. 2

INFORMATION ONLY

PROJECT : ROUTE U.S. 206 AT ENTRANCE TO STOKES STATE FOREST
 CONTRACT NO. 120950525
 WIDENING, RESURFACING AND STRUCTURES
 SANDYSTON TOWNSHIP, SUSSEX COUNTY
 FEDERAL PROJECT NO. STP-0035(166)

PROPOSAL PAGE NO. 19
 BIDDER IDENTIFICATION

NO. _____

ITEM NOS.	APPROX. QUANTS.	UNIT	ITEMS	UNIT PRICE		AMOUNTS	
				DOLLARS	CENT	DOLLARS	CENT
128	100	UNIT	CAREX STRICTA				
129	50	UNIT	ONOCLEA SENSIBILIS 8M01L				
130	50	UNIT	LEERSIA ORYZOIDES, 45 MM PEAT POT				
131	50	UNIT	NATURAL BOULDERS, 600MM TO 800 MM DIAMETER				
TOTAL PRICE							
(THIS SPACE FOR DEPARTMENT USE ONLY)							

NOTE: THE TOTAL PRICE, AS CORRECTLY DETERMINED FROM THE ESTIMATED QUANTITIES LISTED AND THE PRICES PER UNIT OF MEASURE BID RESPECTIVELY THEREFOR, WILL BE CONSIDERED TO BE THE AMOUNT BID FOR THE PROJECT, AND THE CORRECT TOTAL PRICE WILL CONTROL IN AWARDING THE CONTRACT AS PROVIDED IN SECTION 103 OF THE SPECIFICATIONS.

ADDENDUM NO. 2

INFORMATION ONLY

To: P. Cruz, Bureau of Construction Services
NJDOT
1035 Parkway Avenue
Trenton, NJ 08625-0600

STATE OF NEW JERSEY
DEPARTMENT OF TRANSPORTATION

ACKNOWLEDGEMENT

Route U.S. 206 At Entrance To Stokes Forest

Acknowledgement is hereby made of the receipt of ADDENDUM No. 2 Containing information for the above referenced Project.

This acknowledgement is made by the Bidder, if an individual; by a partner, is a partnership; or by an officer of the corporation, if a corporation.

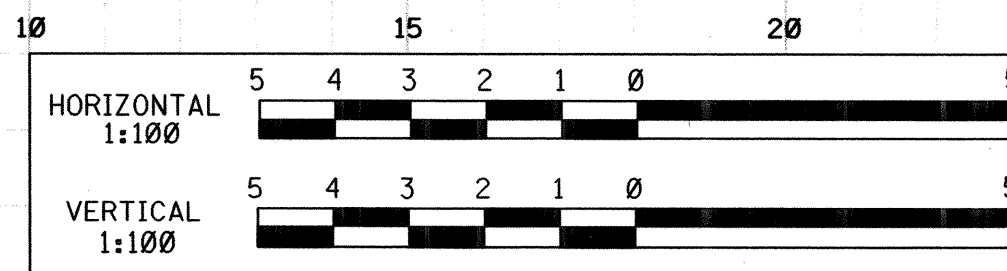
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(Please Print or Type)

(Signature) _____

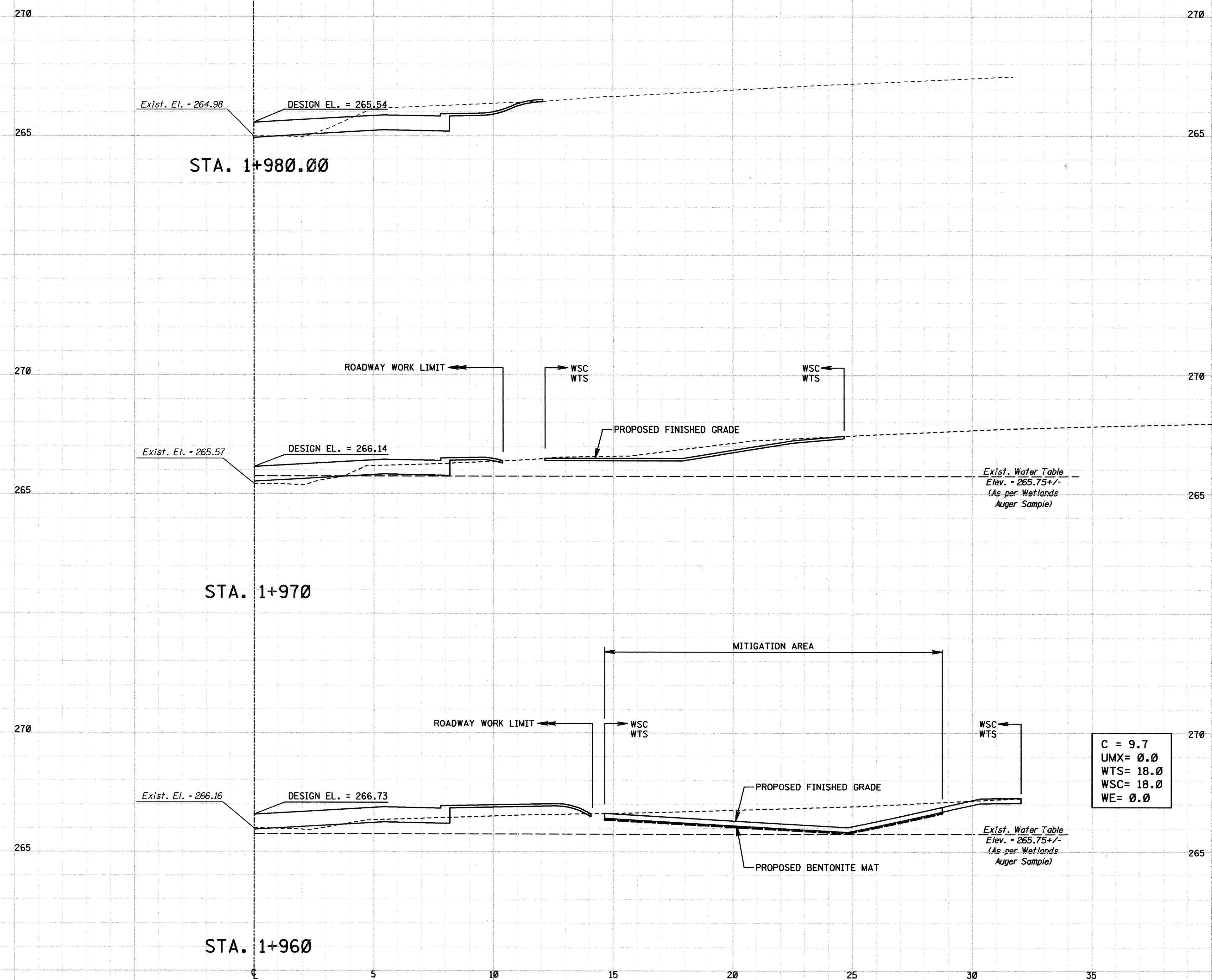
(Title) _____

(Date) _____

**NOTE: A BID PROPOSAL WILL NOT BE OPENED IF
A SIGNED ACKNOWLEDGEMENT HAS NOT
BEEN RECEIVED BY THE DEPARTMENT.**



INFORMATION ONLY



C = 3.4
 UMX = 0.0
 WTS = 13.0
 WSC = 13.0
 WE = 0.0

C = 9.7
 UMX = 0.0
 WTS = 18.0
 WSC = 18.0
 WE = 0.0

**ADDENDUM #2
 ATTACHMENT #3**

ROUTE 206 @ STA. 1+960 TO STA. 1+980

NEW JERSEY DEPARTMENT OF TRANSPORTATION

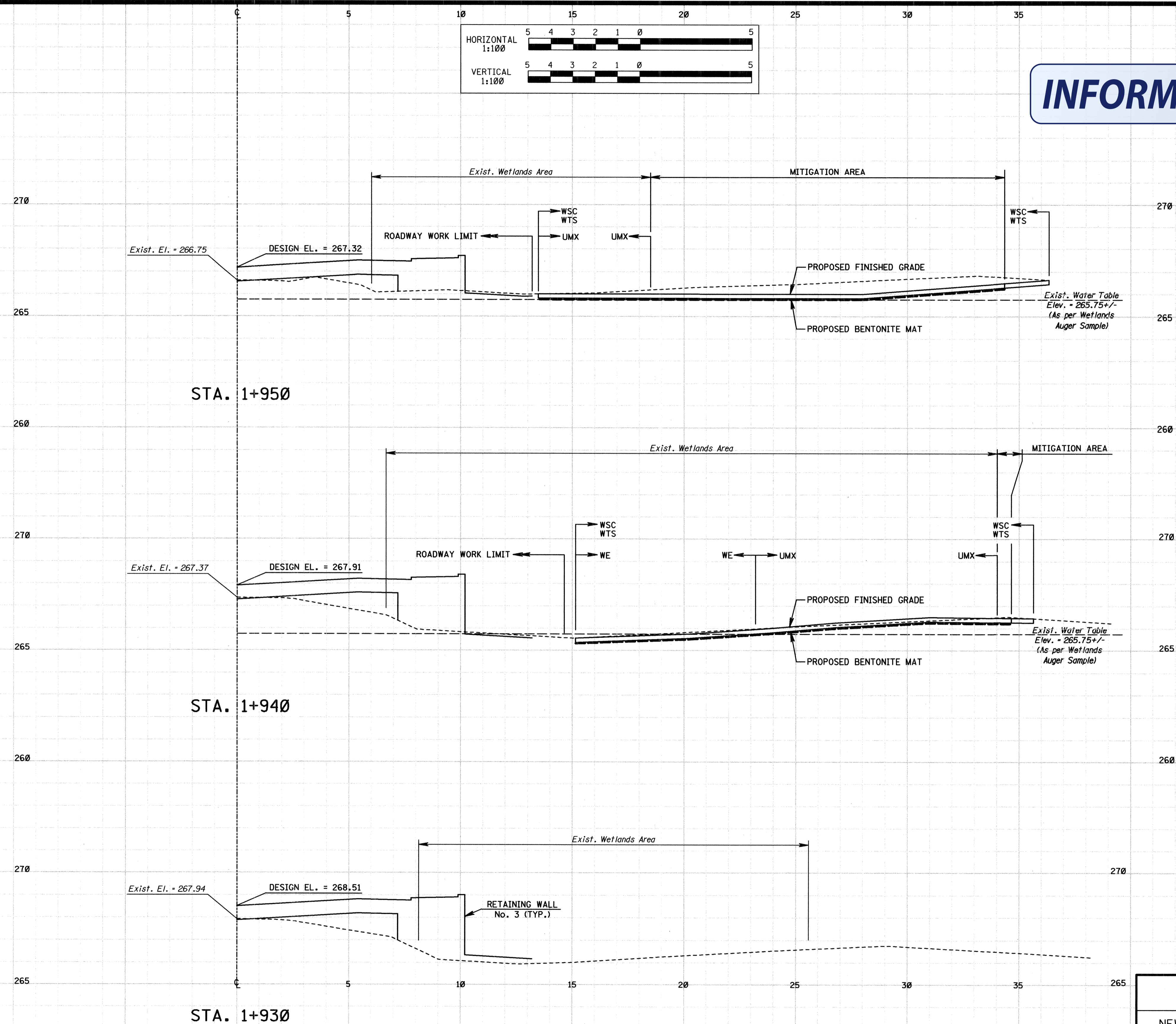
**MITIGATION SITE
 CROSS SECTIONS**

ROUTE U.S. 206 AT ENTRANCE TO
 STOKES STATE FOREST

HAROLD E. PELLOW & ASSOCIATES, INC.
David B. Simmons, Jr. 10-17-03
 DAVID B. SIMMONS, JR.
 P.E. & L.S. N.J. LIC. NO. 27831

"ALL DIMENSIONS SHOWN ON THIS SHEET ARE IN METRIC UNITS"

INFORMATION ONLY



C = 11.8
 UMX = 1.4
 WTS = 23.0
 WSC = 23.0
 WE = 0.0

C = 3.8
 UMX = 1.5
 WTS = 20.5
 WSC = 20.0
 WE = 2.0

STA. 1+938
 C = 0.0
 UMX = 0.0
 WTS = 0.0
 WSC = 0.0
 WE = 0.0

ADDENDUM #2 ATTACHMENT #2

LEGEND

C = CUT
 UMX = UNSUITABLE MATERIAL
 WTS = TOPSOILING, 200MM THICK, IN WETLANDS
 WSC = STRIPPING CUT IN WETLANDS
 WE = WET EXCAVATION

S.M.
 S.M.
 L.M.
 L.M.
 S.M.

"ALL DIMENSIONS SHOWN ON THIS SHEET ARE IN METRIC UNITS"

ROUTE 206 @ STA. 1+930 TO STA. 1+950

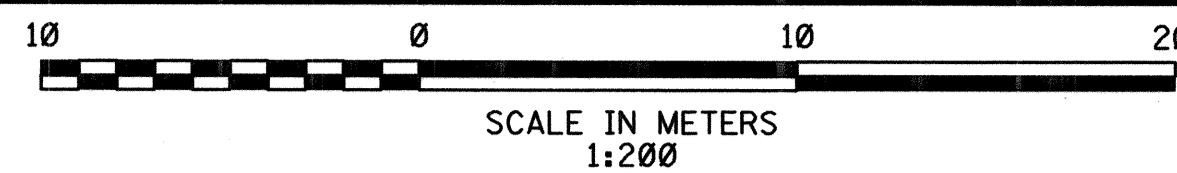
NEW JERSEY DEPARTMENT OF TRANSPORTATION

MITIGATION SITE
 CROSS SECTIONS

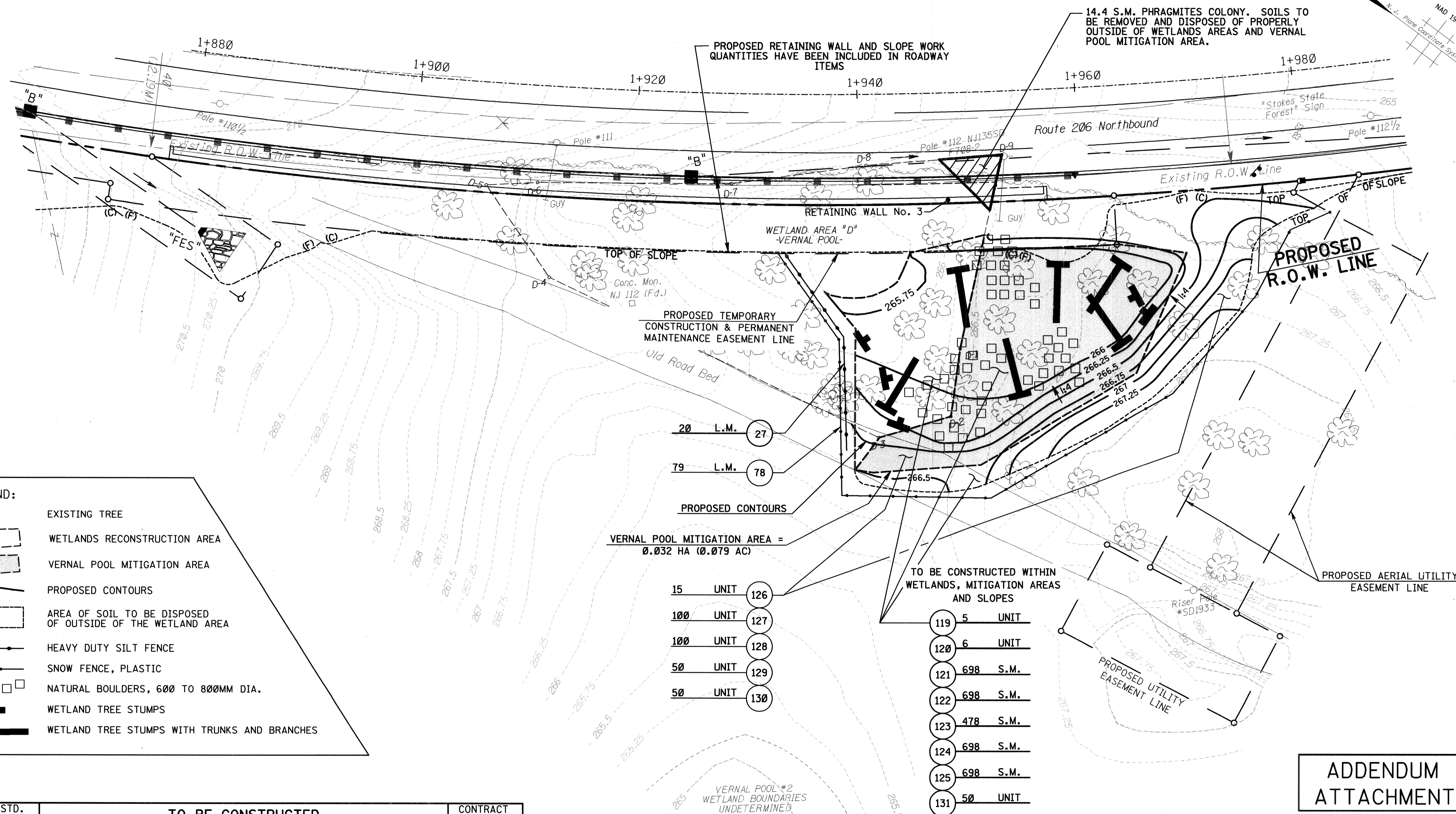
ROUTE U.S. 206 AT ENTRANCE TO
 STOKES STATE FOREST

HAROLD E. PELLOW & ASSOCIATES, INC.
 10-17-03
 DAVID B. SIMMONS, JR.
 P.E. & L.S. N.J. LIC. NO. 27831

TOWNSHIP OF SANDYSTON



COUNTY OF SUSSEX

STATE FEDERAL PROJECT NO.
N.J. STP-0035 (166)

LEGEND:

- EXISTING TREE
- WETLANDS RECONSTRUCTION AREA
- VERNAL POOL MITIGATION AREA
- PROPOSED CONTOURS
- AREA OF SOIL TO BE DISPOSED OF OUTSIDE OF THE WETLAND AREA
- HEAVY DUTY SILT FENCE
- SNOW FENCE, PLASTIC
- NATURAL BOULDERS, 600 TO 800MM DIA.
- WETLAND TREE STUMPS
- WETLAND TREE STUMPS WITH TRUNKS AND BRANCHES

PAY ITEM NO.	STD. ITEM NO.	TO BE CONSTRUCTED	CONTRACT QUANTITY
27	2L06A	HEAVY DUTY SILT FENCE	20 L.M.
78	6N16S	SNOW FENCE, PLASTIC	79 L.M.
119	N8D01	WETLAND TREE STUMPS	5 UNIT
120	N8D02	WETLAND TREE STUMPS WITH TRUNKS AND BRANCHES	6 UNIT
121	N8E01	STRIPPING OF WETLAND TOPSOIL	698 S.M.
122	N8F01	WETLAND TOPSOILING, 200MM THICK	698 S.M.
123	N8F02	BENTONITE MAT	478 S.M.
124	N8H01	FERTILIZING AND SEEDING, TYPE LOLIUM MULTIFLORUM	698 S.M.
125	8K17D	WOOD CELLULOSE FIBER MULCHING	698 S.M.
131	N8M04	NATURAL BOULDERS, 600MM TO 800MM DIAMETER	50 UNIT

ITEM NO.	STD. ITEM NO.	SYM.	PLANT NAME	ROOT	CALIPER & HEIGHT	SPACING	CONTRACT QUANTITY
126	N8M01	Vc	VACCINIUM CORYMBOSUM	B&B	25-50 MM 1.2-1.5 M		15 UNIT
127	8M03J	Je	JUNCUS EFFUSUS	BR SEEDLING			100 UNIT
128	N8M02	Cs	CAREX STRICTA	BR SEEDLING			100 UNIT
129	N8M03	Os	ONOCLEA SENSIBILIS	#1 CAN			50 UNIT
130	8M01L	Lo	LEERSIA ORYZOIDES	45mm PEAT POT			50 UNIT

PROPOSED CONTOURS

VERNAL POOL MITIGATION AREA =
0.032 HA (0.079 AC)

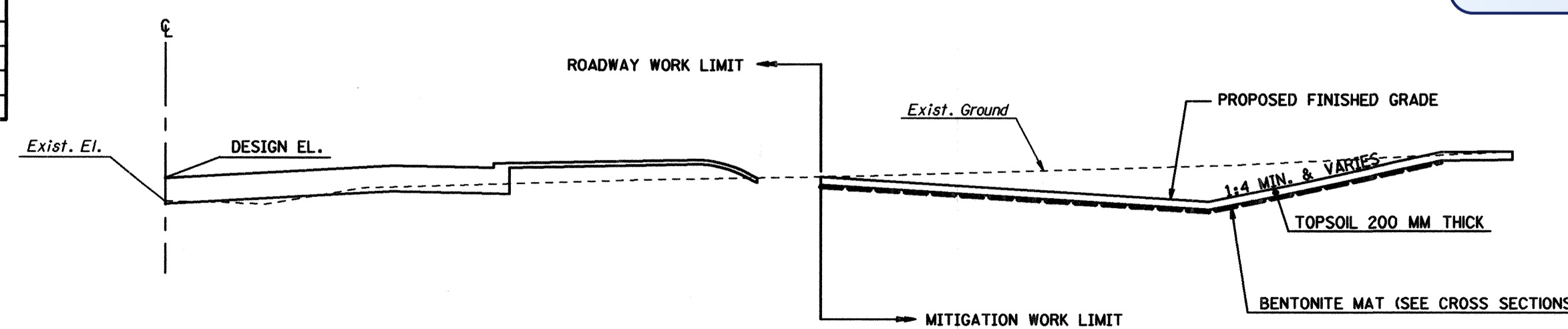
15	UNIT	126
100	UNIT	127
100	UNIT	128
50	UNIT	129
50	UNIT	130

TO BE CONSTRUCTED WITHIN
WETLANDS, MITIGATION AREAS
AND SLOPES

119	5	UNIT
120	6	UNIT
121	698	S.M.
122	698	S.M.
123	478	S.M.
124	698	S.M.
125	698	S.M.
131	50	UNIT

ADDENDUM #2
ATTACHMENT #1

INFORMATION ONLY

TYPICAL SECTION - MITIGATION AREA
NOT TO SCALE

NEW JERSEY DEPARTMENT OF TRANSPORTATION

MITIGATION SITE
CONSTRUCTION PLANROUTE U.S. 206 AT ENTRANCE TO
STOKES STATE FOREST

HAROLD E. PELLOW & ASSOCIATES, INC.

10-17-03

DAVID B. SIMMONS, JR.

N.J.P.E. & L.S. LIC. NO. 27831



State of New Jersey

Department Of Transportation
1035 Parkway Avenue
PO Box 600

Trenton, New Jersey 08625-0600

James E. McGreevey
Governor

John F. Lettiere
Commissioner

ROUTE U.S. 206 At Entrance To Stokes State Forest

CONTRACT NO. 120950525

FEDERAL PROJECT NO. STP-0035 (166)

COUNTY OF Sussex

ADDENDUM NO. 3

Gentlemen,

Transmitted herewith is ADDENDUM NO. 3 consisting of Pages 1 and 2 for the above captioned Project.

FOR PROSPECTIVE BIDDERS ONLY

An authorized representative of your organization shall acknowledge receipt of this information by signing the enclosed acknowledgement form and returning it to Mr. P. Cruz, Bureau of Construction Services, prior to the scheduled time for receipt of bids.

Henry J. Miller

Henry J. Miller, Manager
Bureau of Quality Assurance

DP#03124

Bid Date 11/13/03

16 Plan Sheets

c: K. Desai (3), H. Capers (2), R. Maruca, P. Cruz, H. Miller, R. Lee, B. Cook, J. Fasanella

**ROUTE 206 AT THE ENTRANCE TO STOKES STATE FOREST
CONTRACT NO. 120950525
SUSSEX COUNTY**

**ADDENDUM NO. 3
PAGE 1**

THE FOLLOWING CHANGES ARE MADE TO THE PLANS:

ATTACHMENTS 1 through 16 of Addendum 3, **REPLACE** the following original sheets:

ATTACHMENT NUMBER	ORIGINAL SHEET NUMBER
1	9
2	10
3	11
4	21
5	22
6	37
7	38
8	39
9	40
10	41
11	42
12	43
13	44
14	72
15	73
16	74

THE FOLLOWING CHANGES ARE MADE TO THE SPECIAL PROVISIONS:

On Page Number 7 under subsection 105.15 Field Office, subparts (17) (a), (17) (a) 5), 17 (c) and 17 (d), which are lines 18, 28, 47 and 56 respectively, are **CHANGED** to

(17) (a) 2 base computer systems having at minimum:

**ROUTE 206 AT THE ENTRANCE TO STOKES STATE FOREST
CONTRACT NO. 120950525
SUSSEX COUNTY**

**ADDENDUM NO. 3
PAGE 2**

(17) (a) 5) Two dedicated telephone lines to be used in conjunction with the microcomputer modem.

(17) (c) Two software packages, on CD-ROM with documentation, including:

(17) (d) 2 base printers for Primavera having a minimum:

On Page Number 34 under DIVISION 800 – LANDSCAPING the following is **ADDED**:

SECTION 811 MULCHING

811.05 Basis of Payment.

Separate payment will not be made for Wood Mulching, but will be included in the price bid for plant material.

**To: P. Cruz, Bureau of Construction Services
NJDOT
1035 Parkway Avenue
Trenton, NJ 08625-0600**

**STATE OF NEW JERSEY
DEPARTMENT OF TRANSPORTATION**

ACKNOWLEDGEMENT

Route U.S. 206 At Entrance To Stokes Forest

Acknowledgement is hereby made of the receipt of ADDENDUM No. 3 Containing information for the above referenced Project.

This acknowledgement is made by the Bidder, if an individual; by a partner, is a partnership; or by an officer of the corporation, if a corporation.

(Firm Name) _____
(Please Print or Type)

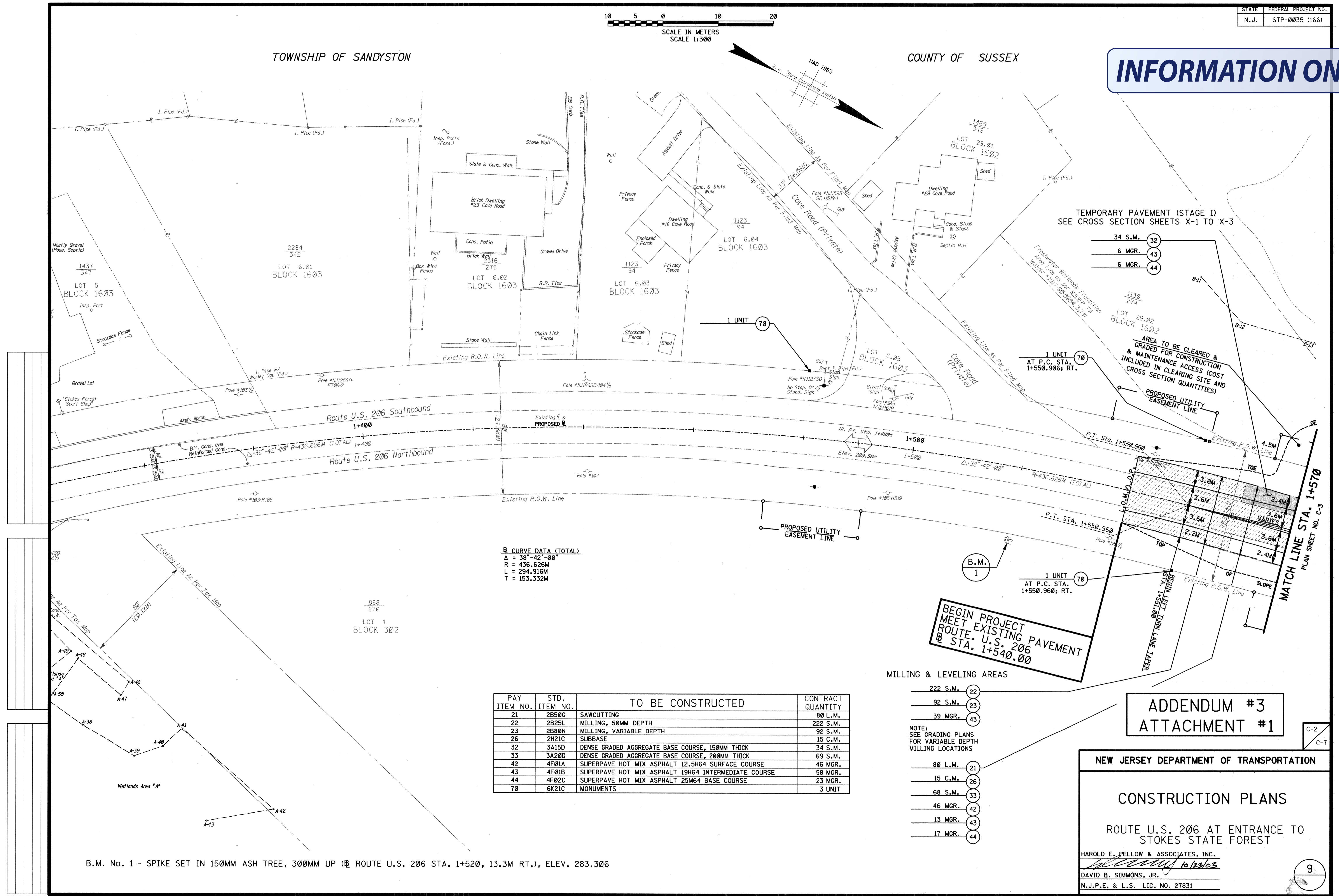
(Signature) _____

(Title) _____

(Date) _____

**NOTE: A BID PROPOSAL WILL NOT BE OPENED IF
A SIGNED ACKNOWLEDGEMENT HAS NOT
BEEN RECEIVED BY THE DEPARTMENT.**

10



INFORMATION ONLY

STATE FEDERAL PROJECT NO.
N.J. STP-0035 (166)

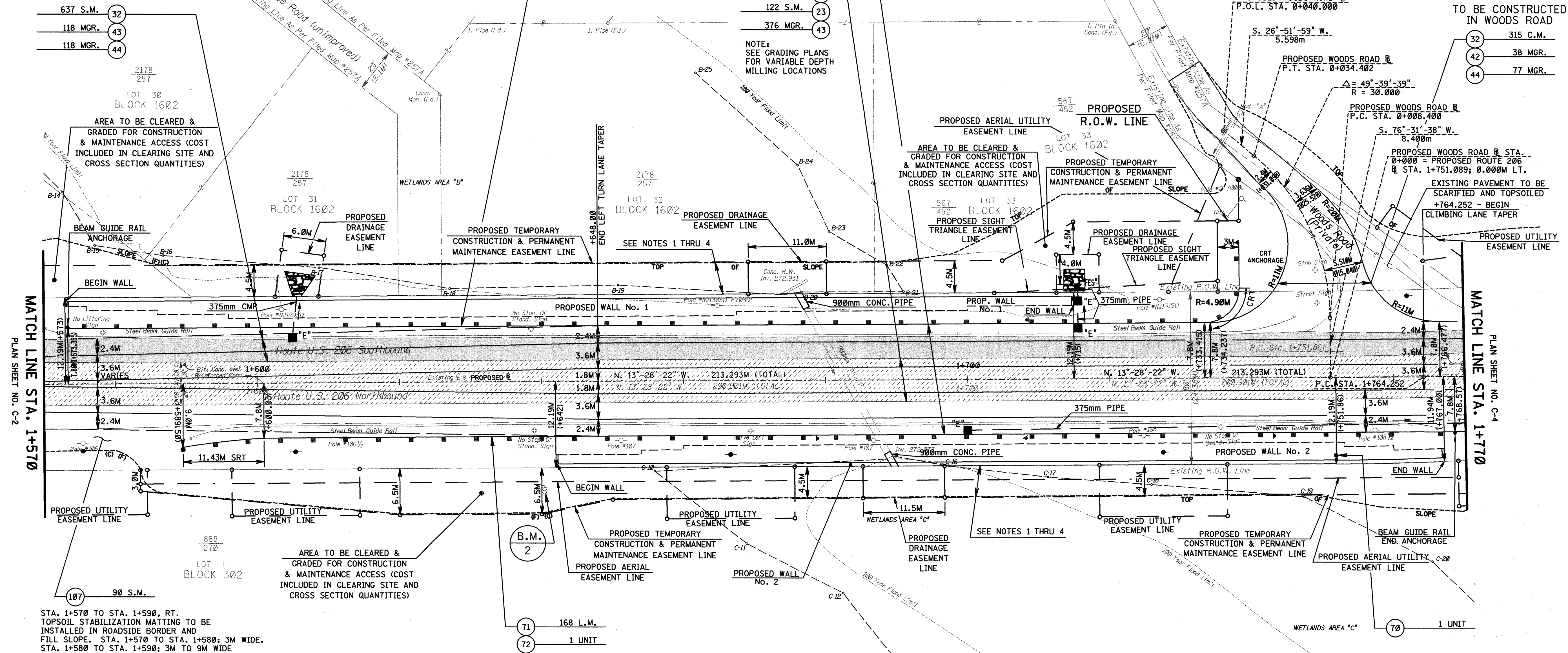
TOWNSHIP OF SANDYSTON

COUNTY OF SUSSEX

SCALE IN METERS
SCALE 1:300
0 5 10 20

② CURVE DATA (TOTAL)
Δ = 54°-37'-44"
R = 422.500M
L = 402.835M
T = 218.204M

TEMPORARY PAVEMENT (STAGE I)
SEE CROSS SECTION SHEETS X-1 TO X-3



PAY ITEM NO.	STD. ITEM NO.	TO BE CONSTRUCTED	CONTRACT QUANTITY
21	2B50G	SAWCUTTING	400 L.M.
22	2B25L	MILLING, 50MM DEPTH	1098 S.M.
23	2B08N	MILLING, VARIABLE DEPTH	122 S.M.
26	2H21C	SUBBASE	382 C.M.
32	3A15D	DENSE GRADED AGGREGATE BASE COURSE, 150MM THICK	952 S.M.
33	3A20D	DENSE GRADED AGGREGATE BASE COURSE, 200MM THICK	1878 S.M.
42	4F01A	SUPERPAVE HOT MIX ASPHALT 12.5H64 SURFACE COURSE	411 MGR.
43	4F01B	SUPERPAVE HOT MIX ASPHALT 19H64 INTERMEDIATE COURSE	830 MGR.
44	4F02C	SUPERPAVE HOT MIX ASPHALT 25H64 BASE COURSE	652 MGR.
70	6K21C	MONUMENTS	1 UNIT
71	N6L01	BEAM GUIDE RAIL, CORE-TEN STEEL	332 L.M.
72	N6L02	SLOTTED GUIDE RAIL TERMINALS, CORE-TEN STEEL	1 UNIT
73	N6L03	CONTROLLED RELEASE TERMINALS, CORE-TEN STEEL	1 UNIT
74	N6L04	CONTROLLED RELEASE ANCHORAGES, CORE-TEN STEEL	1 UNIT
75	N6L05	BEAM GUIDE RAIL TERMINAL ANCHORAGES, CORE-TEN STEEL	2 UNIT
77	6L15R	REMOVAL OF GUIDE RAIL	352 L.M.
102	6T27F	FLEXIBLE DELINEATORS, GUIDE RAIL MOUNTED	17 UNIT
107	8I21C	TOPSOIL STABILIZATION MATTING	90 S.M.
110	8N05B	NONVEGETATIVE SURFACE, HOT MIX ASPHALT	656 S.M.

NOTES:

- TIMBER DRIVEWAY MATTING TO BE INSTALLED IN THE CONSTRUCTION AND MAINTENANCE EASEMENTS OVER WETLAND AREAS. SEE ENVIRONMENTAL PLANS FOR LOCATION AND LIMITS.
- ROADWAY EXCAVATION, UNCLASSIFIED AND COARSE AGGREGATE INSTALLATION TO BE UTILIZED, IF REQUIRED, TO STABILIZE WALL NO. 1 AND NO. 2 EASEMENT AREAS FOR CONSTRUCTION EQUIPMENT ACCESS OUTSIDE OF THE WETLANDS.
- IF ACCESS STABILIZATION IS NEEDED, THE CONTRACTOR SHALL EXCAVATE THE CONSTRUCTION AND MAINTENANCE EASEMENT AREAS OUTSIDE OF THE WETLANDS, 600MM BELOW SUBGRADE AND COMPACT AND BACKFILL THE SAME WITH COARSE AGGREGATE. UPON COMPLETION OF THE RETAINING WALLS, THE COARSE AGGREGATE SHALL BE LEVELED TO SUBGRADE, TOPSOILED, SEEDS AND MULCHED.
- IF AND WHERE QUANTITIES FOR THESE ITEMS HAVE BEEN PROVIDED SHOULD SOFT AREAS BE ENCOUNTERED WITHIN THE CONSTRUCTION AND MAINTENANCE EASEMENT OUTSIDE OF THE WETLAND AREAS.

B.M. No. 2 - SPIKE SET IN 350MM OAK TREE, 300MM UP @ ROUTE U.S. 206 STA. 1+640, 15.2M RT.), ELEV. 276.241

ADDENDUM #3
ATTACHMENT #2

NEW JERSEY DEPARTMENT OF TRANSPORTATION

CONSTRUCTION PLANS

ROUTE U.S. 206 AT ENTRANCE TO
STOKES STATE FOREST

HAROLD E. PELLOW & ASSOCIATES, INC.
DAVID B. SIMMONS, JR.
N.J.P.E. & L.S. LIC. NO. 27831

C-3
C-7

10

COUNTY OF SUSSEX

TEMPORARY PAVEMENT (STAGE I)
SEE CROSS SECTION SHEETS X-1 TO X-3

MILLING & LEVELING AREAS

895 S.M.	22
375 S.M.	23
758 MGR.	43

NOTE:
SEE GRADING PLANS
FOR VARIABLE DEPTH
MILLING LOCATIONS

B. CURVE DATA (TOTAL)
 $\Delta = 54^{\circ}-37'-44''$
 $R = 422.500M$
 $L = 402.835M$
 $T = 218.204M$

NAD 1983
Plane Coordinate System

PLAN SHEET NO. C-3

PLAN SHEET NO. C-5
STA. 1+9550

SEE NOTES 1 THRU 4

AREA TO BE CLEARED &
GRADED FOR CONSTRUCTION
& MAINTENANCE ACCESS (COST
INCLUDED IN CLEARING SITE AND
CROSS SECTION QUANTITIES)

PROPOSED UTILITY
EASEMENT LINE

AREA TO BE CLEARED &
GRADED FOR CONSTRUCTION
& MAINTENANCE ACCESS (COST
INCLUDED IN CLEARING SITE AND
CROSS SECTION QUANTITIES)

**PROPOSED
R.O.W. LINE**

PAY ITEM NO.	STD. ITEM NO.	TO BE CONSTRUCTED	CONTRACT QUANTITY
21	2B50G	SAWCUTTING	362 L.M.
22	2B25L	MILLING, 50MM DEPTH	895 S.M.
23	2B80N	MILLING, VARIABLE DEPTH	375 S.M.
26	2H21C	SUBBASE	382 C.M.
32	3A15D	DENSE GRADED AGGREGATE BASE COURSE, 150MM THICK	95 S.M.
33	3A20D	DENSE GRADED AGGREGATE BASE COURSE, 200MM THICK	1876 S.M.
42	4F01A	SUPERPAVE HOT MIX ASPHALT 12.5H64 SURFACE COURSE	375 MGR.
43	4F01B	SUPERPAVE HOT MIX ASPHALT 19H64 INTERMEDIATE COURSE	1106 MGR.
44	4F02C	SUPERPAVE HOT MIX ASPHALT 25M64 BASE COURSE	465 MGR.
68	6E11D	225 BY 400 MM CONCRETE VERTICAL CURB	232 L.M.
71	N6L01	BEAM GUIDE RAIL, CORE-TEN STEEL	97 L.M.
72	N6L02	SLOTTED GUIDE RAIL TERMINALS, CORE-TEN STEEL	1 UNIT
76	N6L06	RUB RAIL, CORE-TEN STEEL	97 L.M.
100	6R11G	RUMBLE STRIP	104 L.M.
102	6T27F	FLEXIBLE DELINEATORS, GUIDE RAIL MOUNTED	9 UNIT
110	8N05B	NONVEGETATIVE SURFACE, HOT MIX ASPHALT	180 S.M.

NOTE:
PROPOSED GUIDE RAIL POST SPACING TO BE
ADJUSTED AS REQUIRED TO AVOID CONFLICTS
WITH THE PROPOSED DRAINAGE STRUCTURES.

4
C-7

CONSTRUCTION PLANS

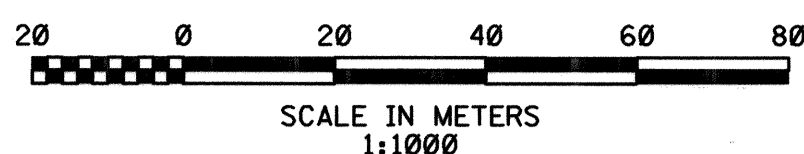
HAROLD E. PELLOW & ASSOCIATES, INC.
[Signature] 10/23/03
 DAVID B. SIMMONS, JR.
 N.J.P.E. & L.S. LIC. NO. 27831

B.M. No. 4 - SPIKE SET IN 600MM OAK TREE ROOT (R ROUTE U.S. 206 STA. 1+900, 20.7M LT.), ELEV. 269.905

COUNTY OF SUSSEX



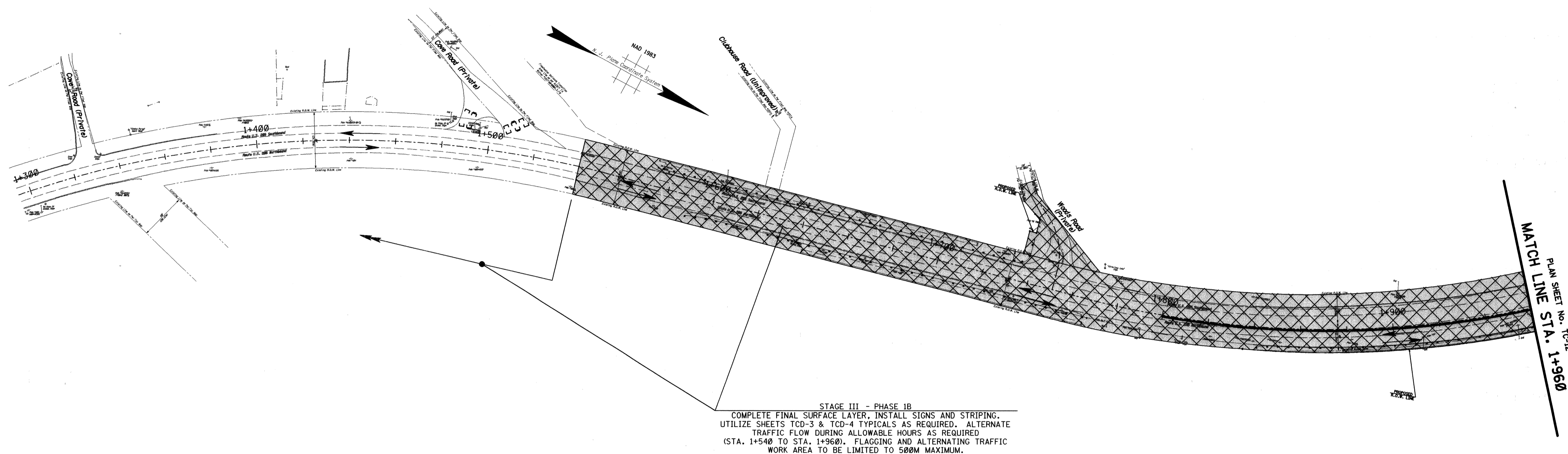
59



STATE	FEDERAL PROJECT NO.
N.J.	STP-0035 (166)

TOWNSHIP OF SANDYSTON

COUNTY OF SUSSEX



INFORMATION ONLY

ADDENDUM #3
ATTACHMENT #12

STAGE III CONSTRUCTION

NEW JERSEY DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL &
STAGING PLANS

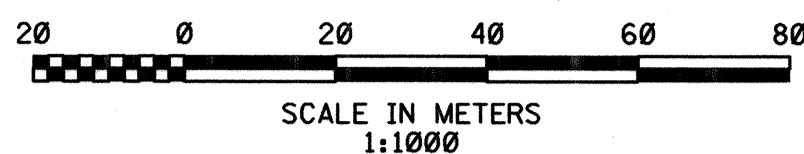
ROUTE U.S. 206 AT ENTRANCE TO
STOKES STATE FOREST

HAROLD E. PELLOW & ASSOCIATES, INC.
DAVID B. SIMMONS, JR.
N.J.P.E. & L.S. LIC. NO. 27831

43

STAGE III - Phase 1 Construction

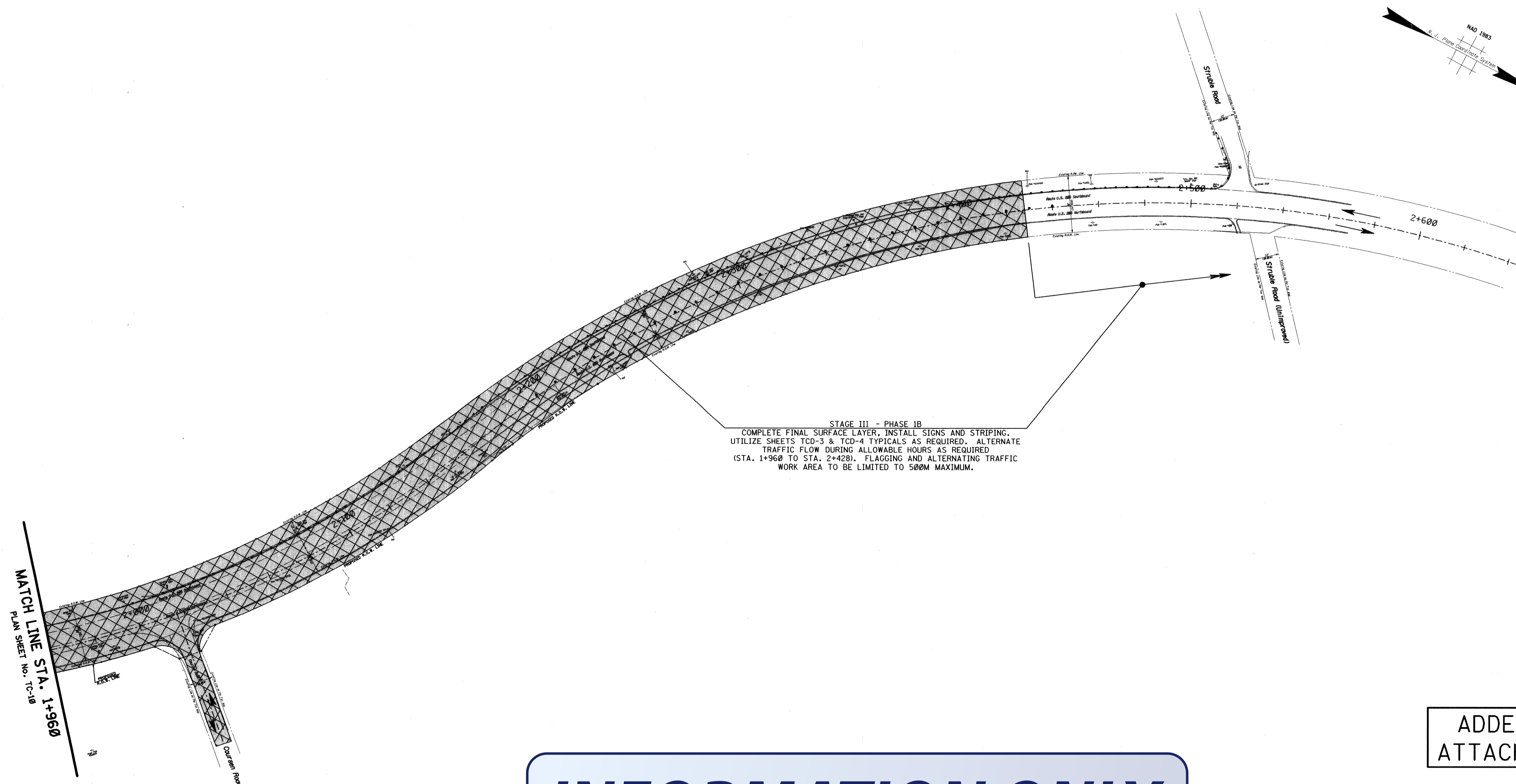
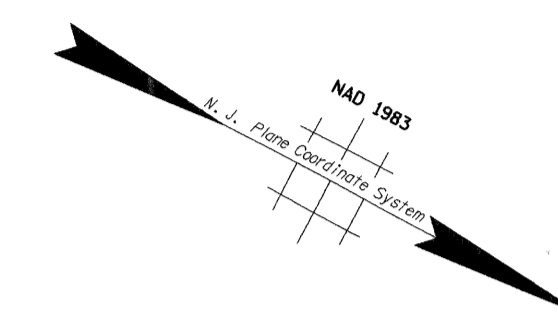
- Remove concrete barrier curb.
- Complete final surface layer, install signs and striping.
- Open Cove Road.



STATE	FEDERAL PROJECT NO.
N.J.	STP-0035 (166)

TOWNSHIP OF SANDYSTON

COUNTY OF SUSSEX



INFORMATION ONLY

ADDENDUM #3
ATTACHMENT #13

STAGE III CONSTRUCTION

TC-12
TC-12

NEW JERSEY DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL &
STAGING PLANS

ROUTE U.S. 206 AT ENTRANCE TO
STOKES STATE FOREST

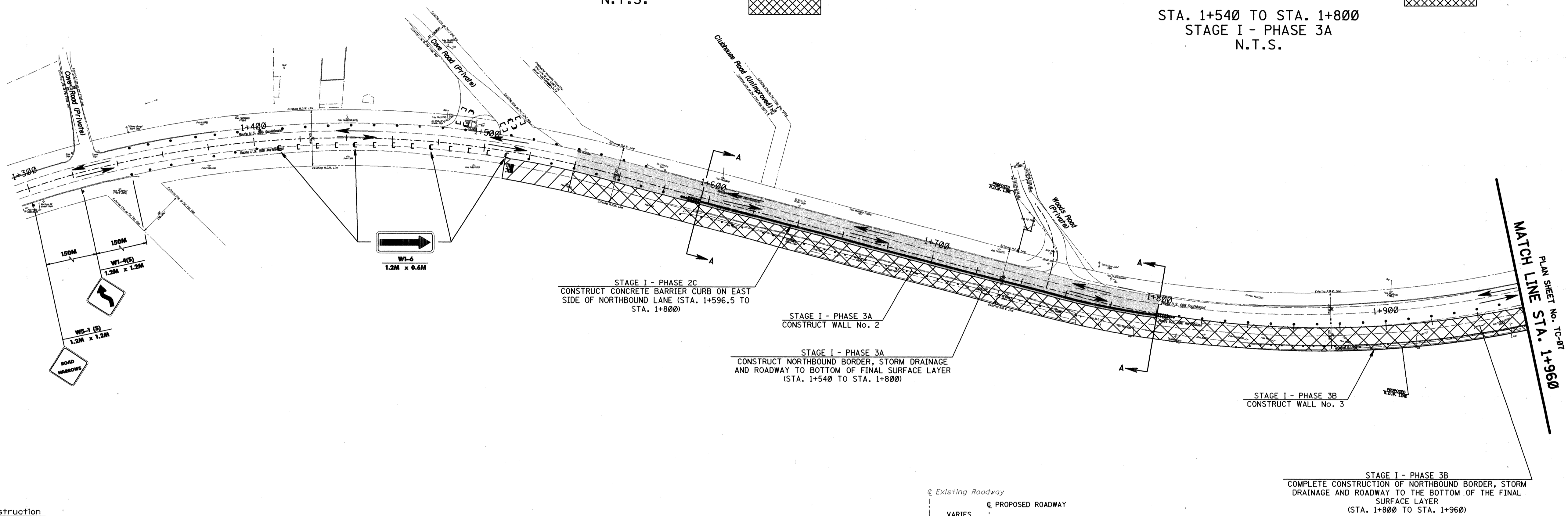
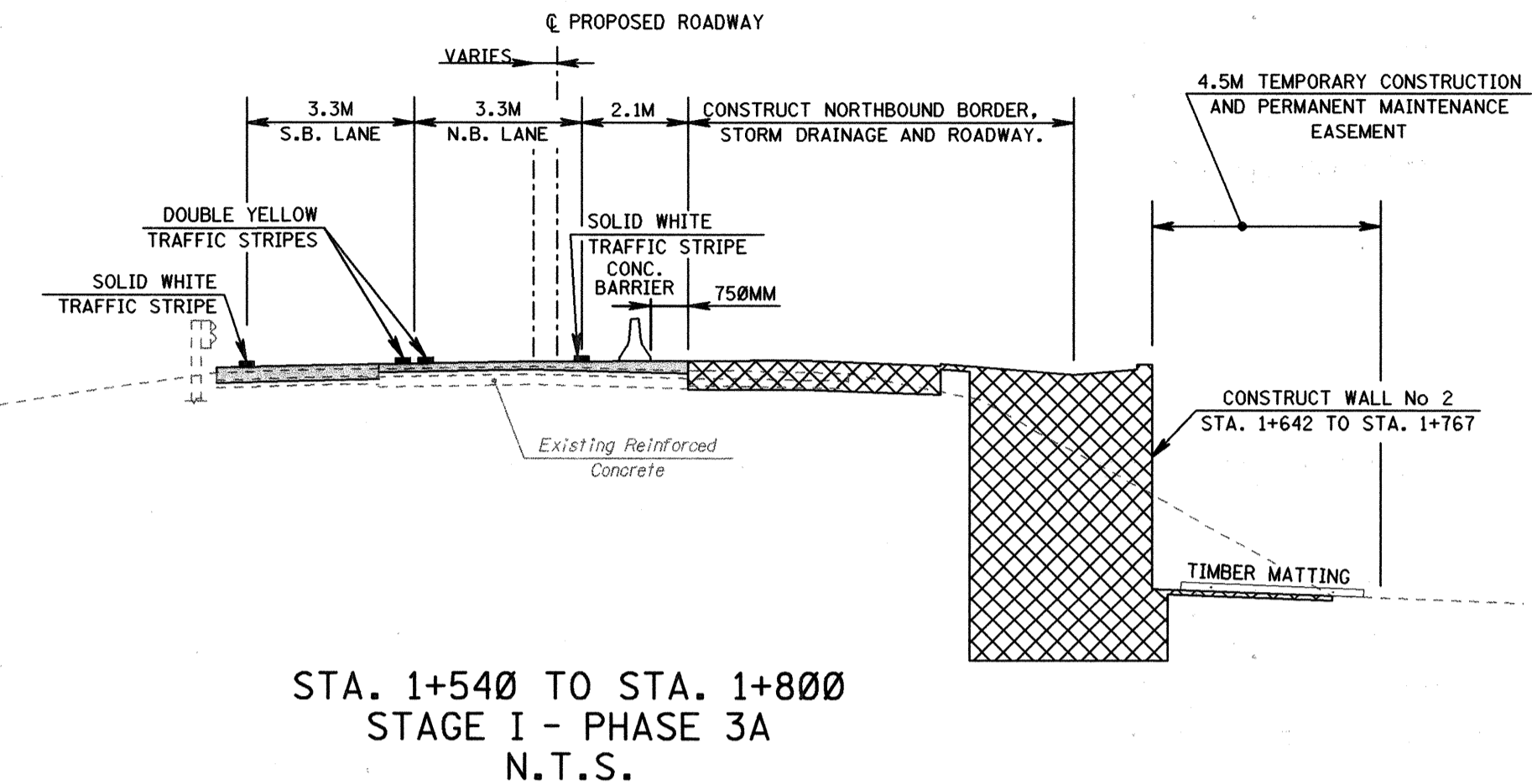
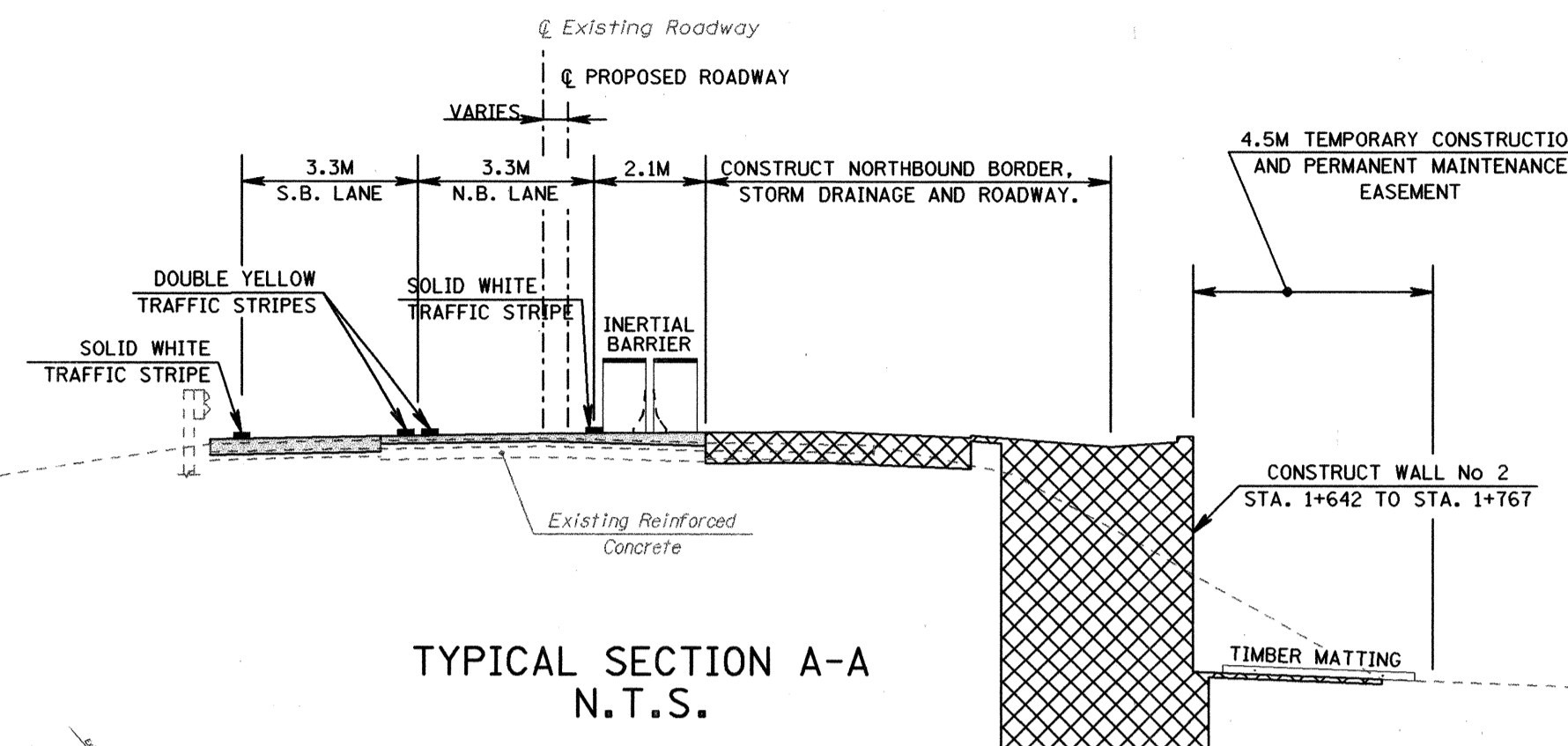
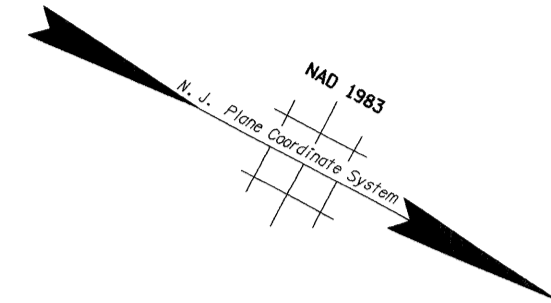
HAROLD E. PELLOW & ASSOCIATES, INC.
DAVID B. SIMMONS, JR.
N.J.P.E. & L.S. LIC. NO. 27831

44

TOWNSHIP OF SANDYSTON

COUNTY OF SUSSEX

SCALE IN METERS
1:1000



STAGE I - Phase 2 Construction

C. Sta. 1+596.5 to Sta. 1+800

1. Construct concrete barrier curb on east side of northbound lane. Shift northbound and southbound traffic onto remainder of existing roadway and temporarily reconstructed southbound shoulder.

STAGE I - Phase 3 Construction

A. Sta. 1+540 to Sta. 1+800

1. Construct Wall No. 2
2. Construct northbound border, storm drainage, and northbound roadway to bottom of final surface layer.

Note: Route 206 two-way traffic to be maintained on the west side of the concrete barrier curb, while the Contractor constructs Wall No. 2 and northbound roadway utilizing the temporary construction and permanent maintenance easement area.

B. Sta. 1+800 to Sta. 2+000

1. Construct Wall No. 3
2. Construct northbound border and storm drainage, and northbound roadway to bottom of final surface layer.

STAGE I - Phase 4 Construction

Sta. 2+040 to Sta. 2+180

1. Construct the northbound border, storm drainage and roadway to the bottom of the final surface layer.

STAGE I - Phase 5 Construction

Sta. 2+180 to Sta. 2+516

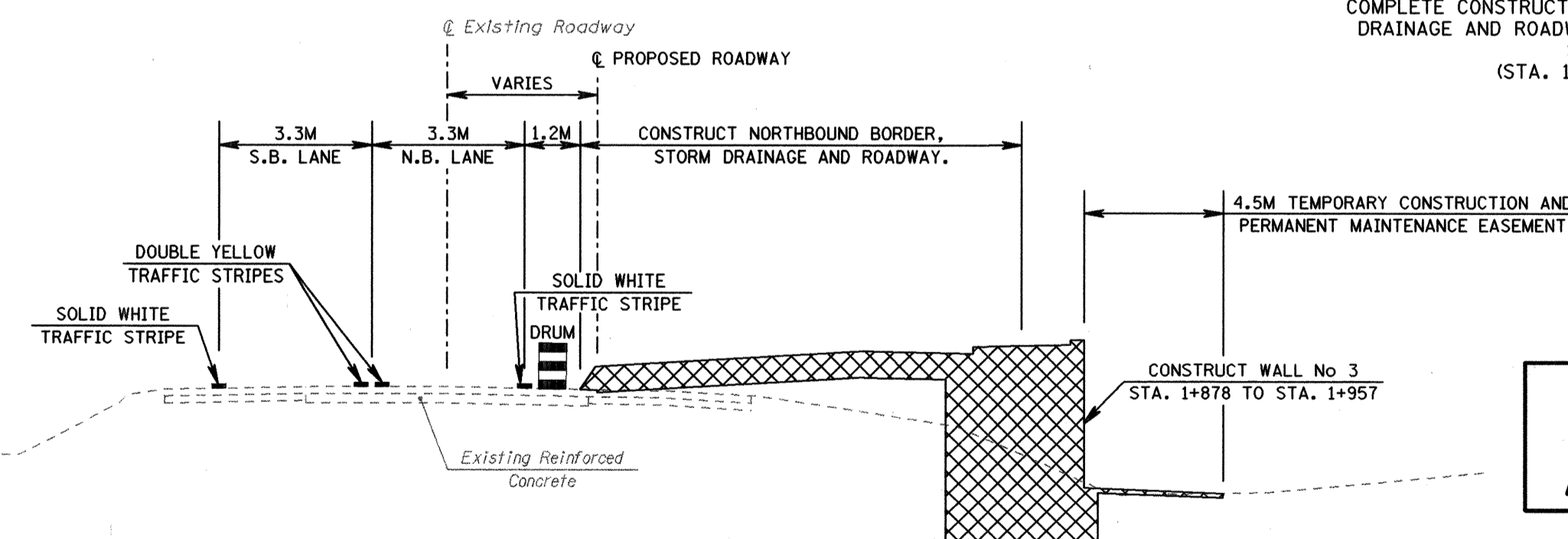
1. Use alternating traffic during allowable hours, complete the remaining construction of the northbound border, drainage and roadway up to the bottom of the final surface layer.

STAGE I - Phase 6 Construction

Sta. 2+000 to Sta. 2+040

1. Construct Coursen Road to the bottom of final surface layer. Maintain at least one way traffic during the day, and two way traffic at night. Taper pavement as required to maintain access at the intersection.

Note: Coursen Road is the entrance to Stokes State Park. For coordination of construction staging, contact Paul Stern, Superintendent, at (973) 948-3820.



STA. 1+800 TO STA. 2+000
STAGE I - PHASE 3B
N.T.S.

**ADDENDUM #3
ATTACHMENT #7**

STAGE I CONSTRUCTION

NEW JERSEY DEPARTMENT OF TRANSPORTATION

**TRAFFIC CONTROL &
STAGING PLANS**

**ROUTE U.S. 206 AT ENTRANCE TO
STOKES STATE FOREST**

HAROLD E. PELLOW & ASSOCIATES, INC.

10/23/03

DAVID B. SIMMONS, JR.

N.J.P.E. & L.S. LIC. NO. 27831

INFORMATION ONLY

TC-6
TC-12

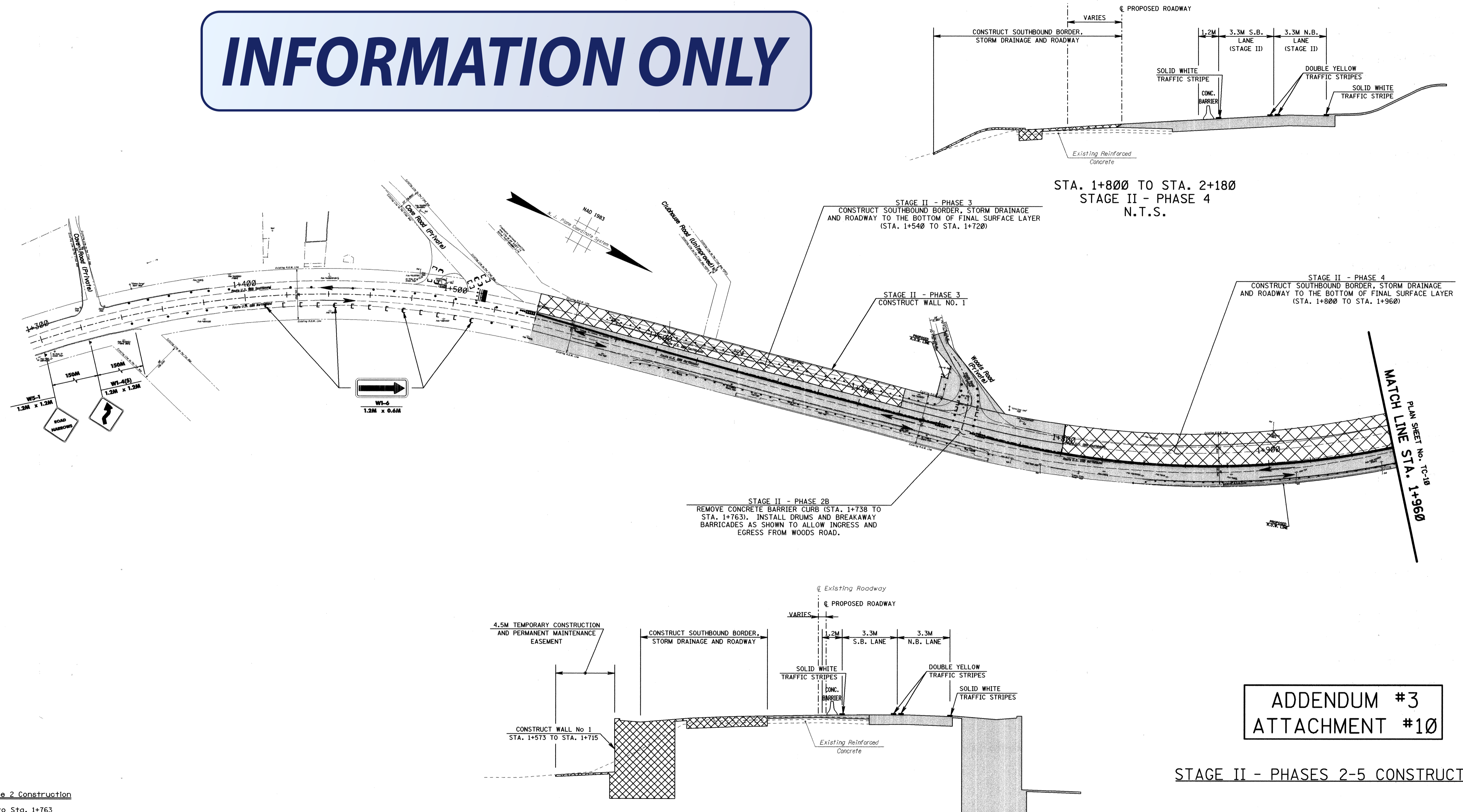
38

TOWNSHIP OF SANDYSTON

SCALE IN METERS
1:1000

COUNTY OF SUSSEX

INFORMATION ONLY



ADDENDUM #3
ATTACHMENT #10

STAGE II - PHASES 2-5 CONSTRUCTION

STAGE II - Phase 2 Construction

B. Sta. 1+738 to Sta. 1+763

1. Remove concrete barrier curb. Install drums and breakaway barricades as shown to allow ingress and egress from Woods Road.

STAGE II - PHASE 3 CONSTRUCTION

Sta. 1+540 to Sta. 1+720

1. Construct Wall No. 1
2. Construct southbound border, storm drainage and roadway to the bottom of final surface layer.

STAGE II - Phase 4 Construction

Sta. 1+800 to Sta. 2+180

1. Construct southbound border, drainage and roadway to the bottom of final surface layer.

STAGE II - Phase 5 Construction

Sta. 2+180 to Sta. 2+516

1. Use alternating traffic during allowable hours, complete the remaining construction of the southbound border, drainage and roadway to the bottom of final surface layer.

STA. 1+540 TO STA. 1+720
STAGE II - PHASE 3
N.T.S.

NEW JERSEY DEPARTMENT OF TRANSPORTATION	
TRAFFIC CONTROL & STAGING PLANS	
ROUTE U.S. 206 AT ENTRANCE TO STOKES STATE FOREST	
HAROLD E. PELLOW & ASSOCIATES, INC.	
DAVID B. SIMMONS, JR.	
N.J.P.E. & L.S. LIC. NO. 27831	

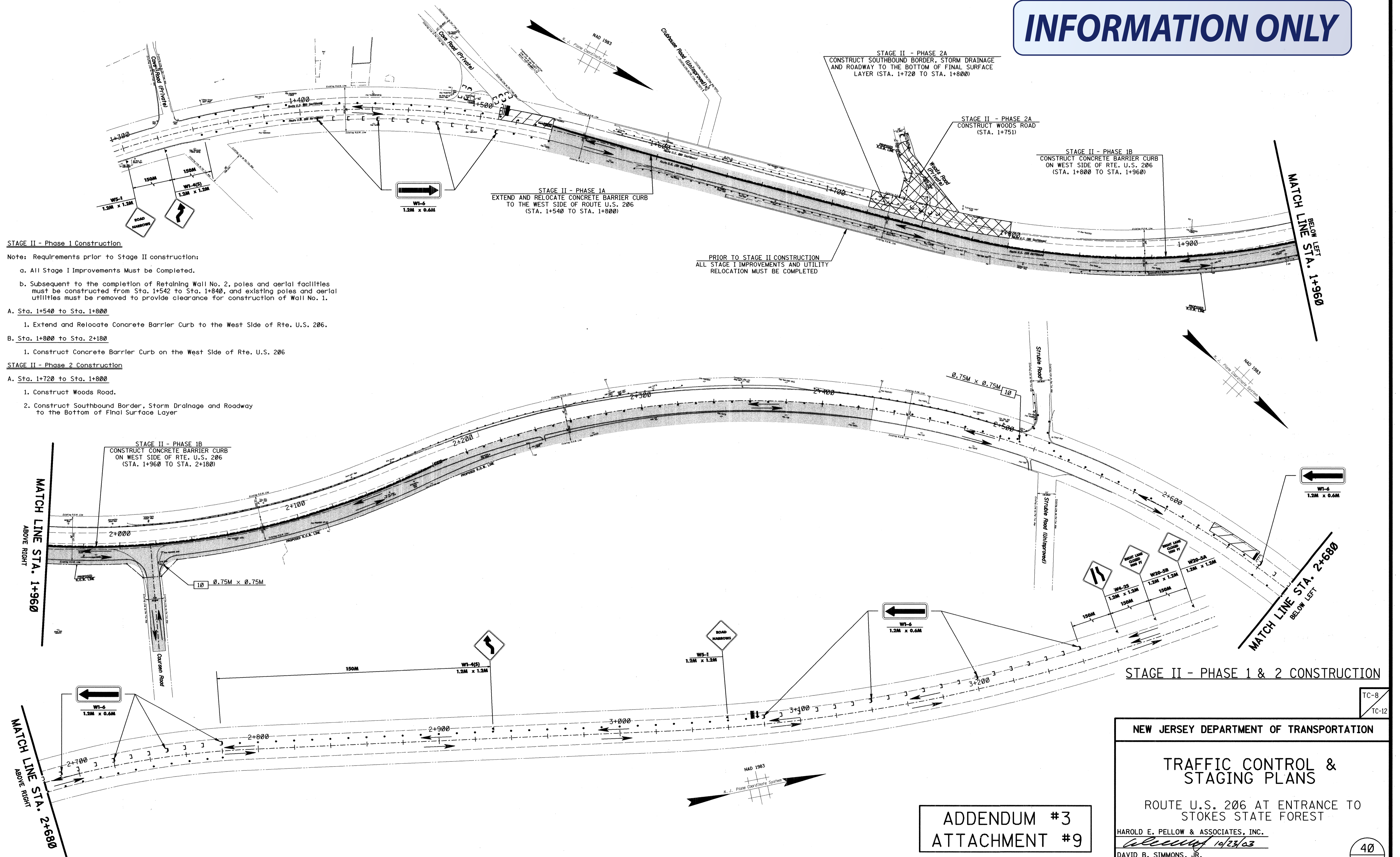
TC-9
TC-12

TOWNSHIP OF SANDYSTON

COUNTY OF SUSSEX

INFORMATION ONLY

20 0 20 40 60 80
SCALE IN METERS
1:1000



ADDENDUM #3
ATTACHMENT #9

NEW JERSEY DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL & STAGING PLANS

ROUTE U.S. 206 AT ENTRANCE TO STOKES STATE FOREST

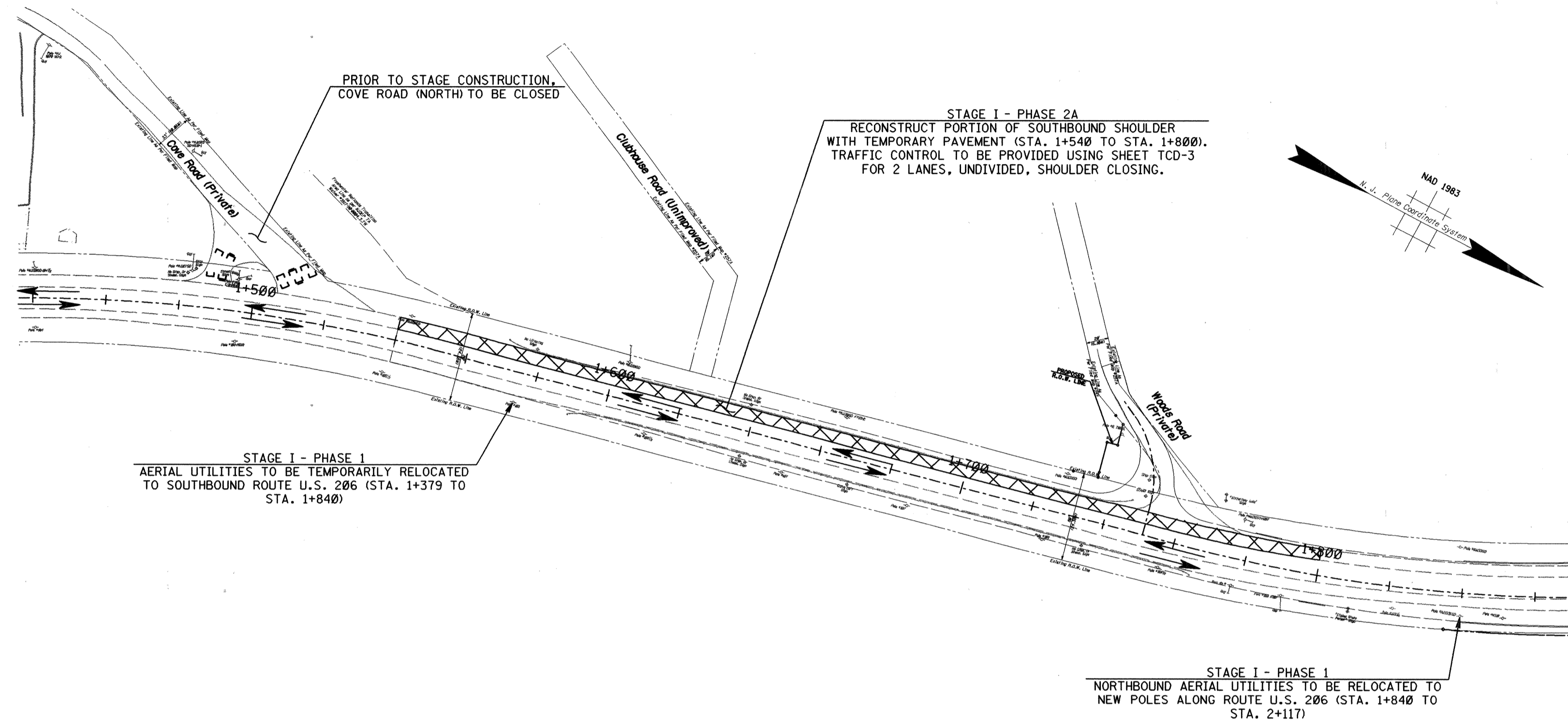
HAROLD E. PELLOW & ASSOCIATES, INC.
DAVID B. SIMMONS, JR.
N.J.P.E. & L.S. LIC. NO. 27831

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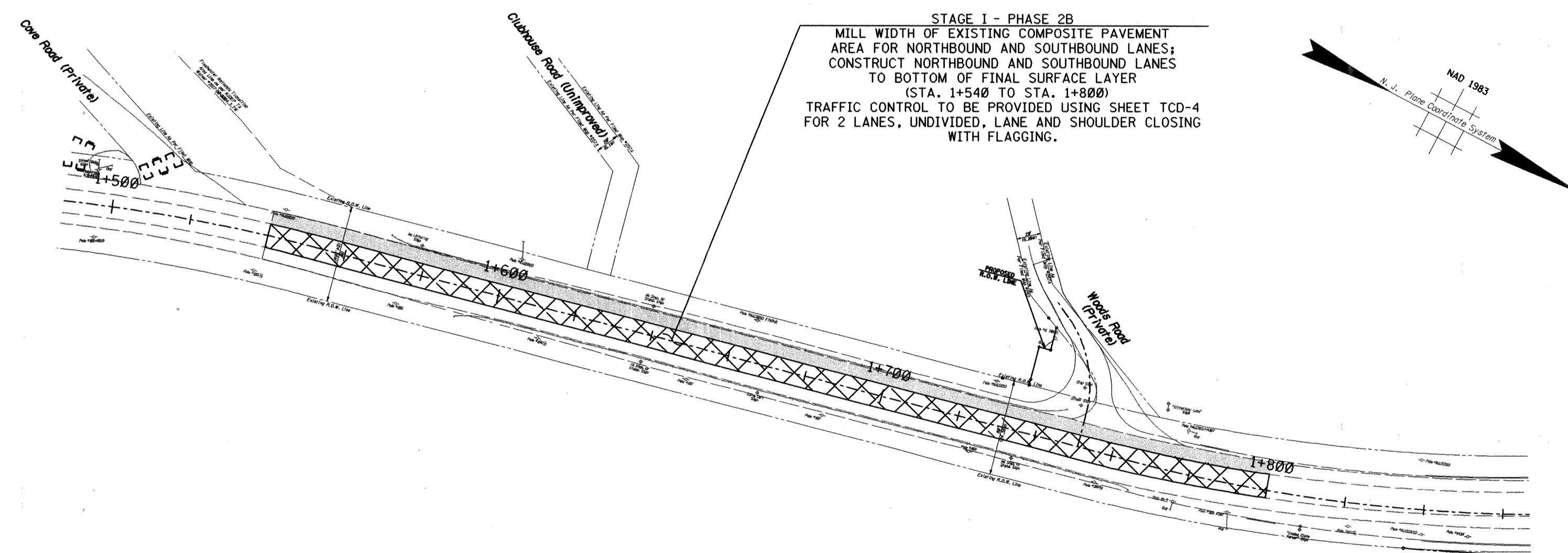
TOWNSHIP OF SANDYSTON

COUNTY OF SUSSEX

20 0 20 40 60 80
SCALE IN METERS
1:1000



STAGE I - PHASE I & 2A CONSTRUCTION



STAGE I - PHASE 2B CONSTRUCTION

STAGE I - Phase 1 Construction

Sta. 1+480 to Sta. 2+428

1. Clear and trim all trees in the project area in preparation for utility relocation. Utilize sheets TCD-3 and TCD-4 Typical for lane shifts and or flagging as required.
2. Prior to additional Stage I construction, aerial utilities to be temporarily relocated to southbound Route 206 (Sta. 1+379 to Sta. 1+840) and northbound aerial utilities to be relocated to new poles along Route 206 (Sta. 1+840 to Sta. 2+117).

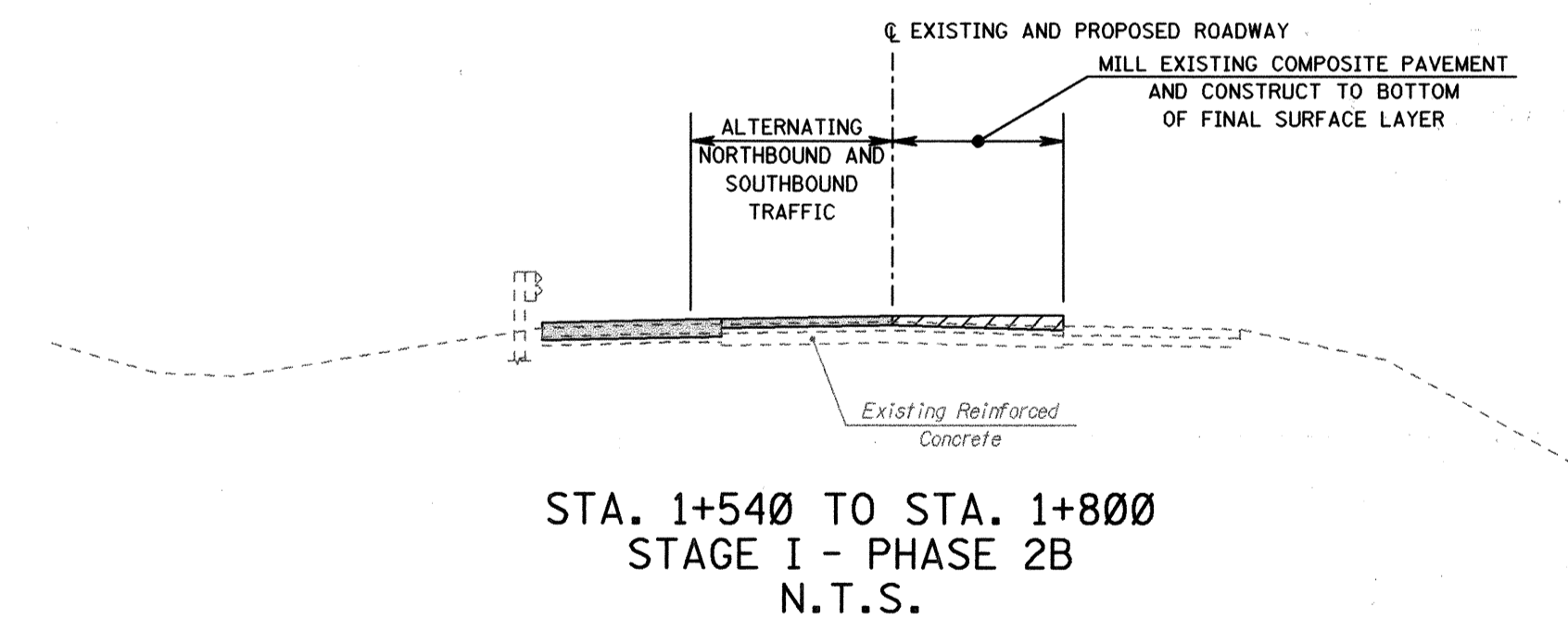
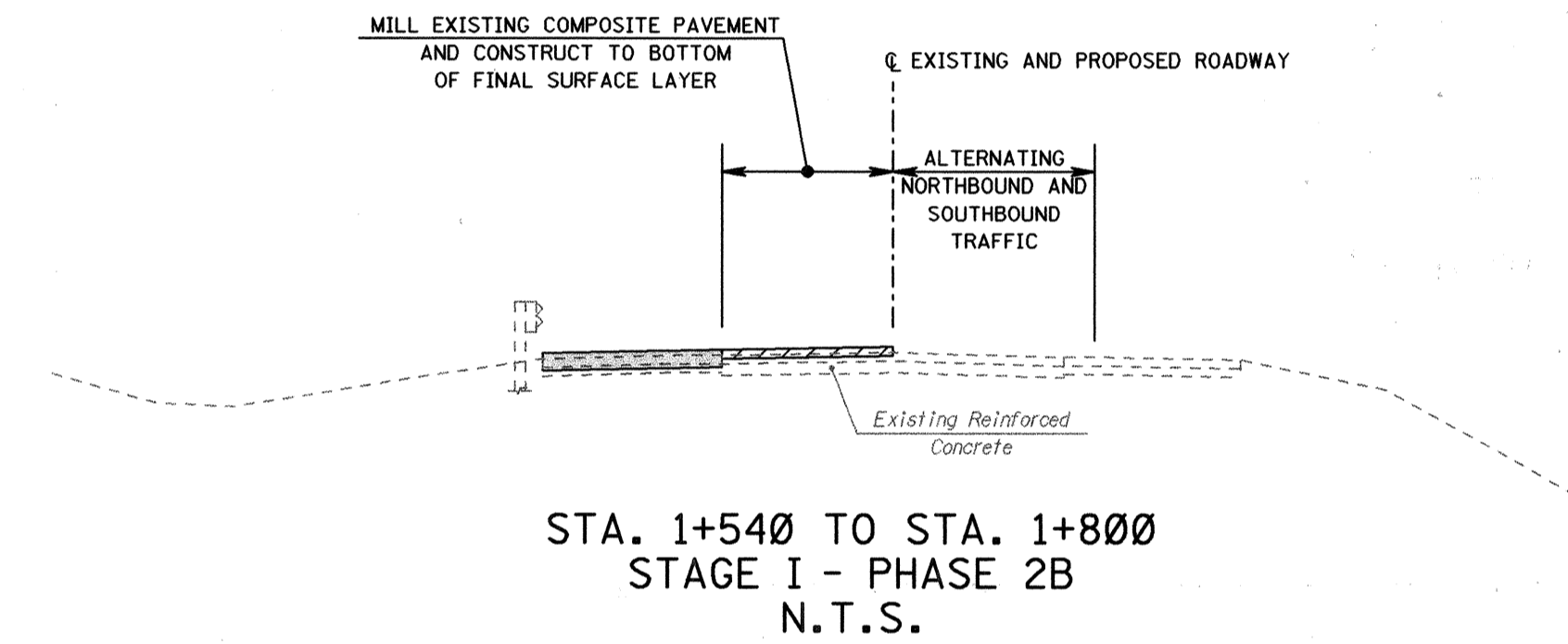
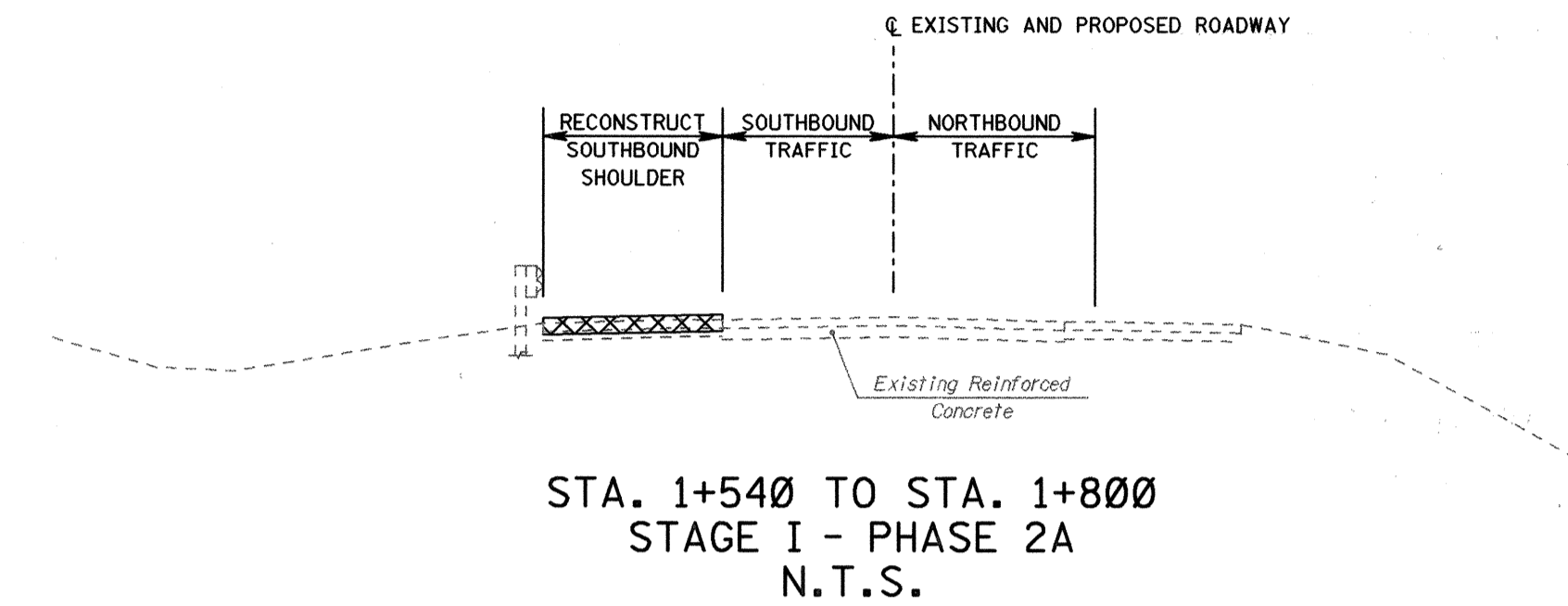
STAGE I - Phase 2 Construction

A. Sta. 1+540 to Sta. 1+800

1. Reconstruct portion of southbound shoulder with temporary pavement. Utilize sheet TCD-3 for 2 lanes, undivided, shoulder closing.

B. Sta. 1+540 to Sta. 1+800

1. Mill width of existing composite pavement area for northbound and southbound lanes.
2. Construct northbound and southbound lanes to bottom of final surface layer.



ADDENDUM #3
ATTACHMENT #6

STAGE I CONSTRUCTION

NEW JERSEY DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL &
STAGING PLANS

ROUTE U.S. 206 AT ENTRANCE TO
STOKES STATE FOREST

HAROLD E. PELLOW & ASSOCIATES, INC.

DAVID B. SIMMONS, JR.

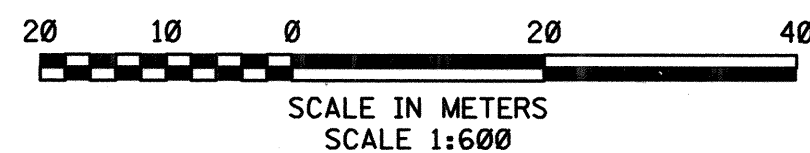
N.J.P.E. & L.S. LIC. NO. 27831

INFORMATION ONLY

TC-5
TC-12

37

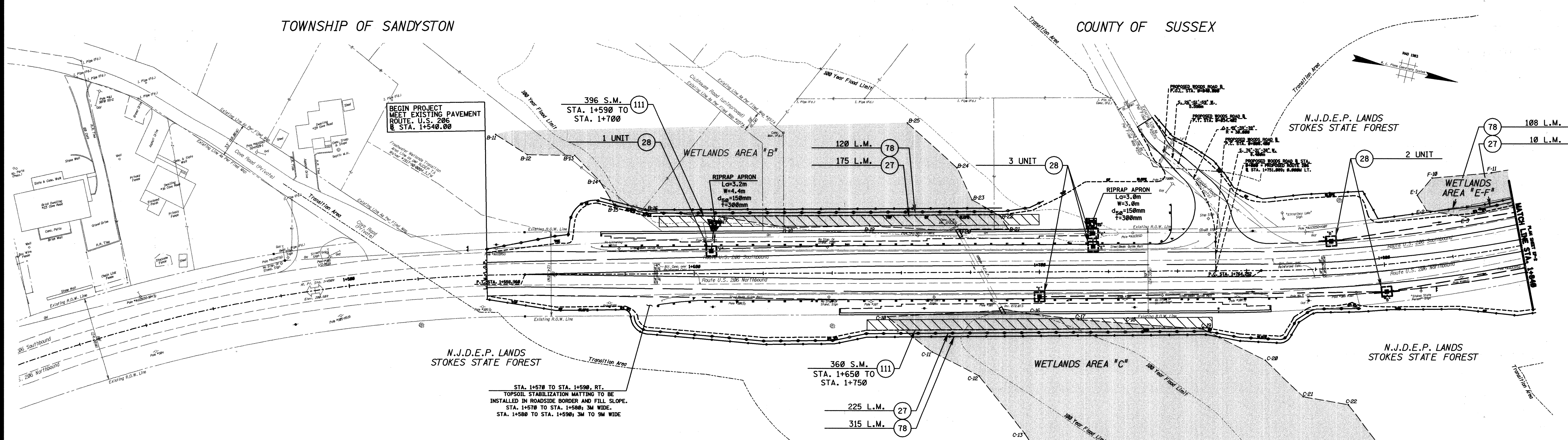
INFORMATION ONLY



STATE	FEDERAL PROJECT NO.
N.J.	STP-0035 (166)

TOWNSHIP OF SANDYSTON

COUNTY OF SUSSEX



ENVIRONMENTAL NOTES APPLICABLE TO ALL SHEETS

- CONSTRUCTION EQUIPMENT TO BE STORED ONLY WITHIN THE EXISTING HIGHWAY RIGHT OF WAY OR CONSTRUCTION EASEMENTS. NO CONSTRUCTION EQUIPMENT SHALL BE STORED WITHIN THE STOKES STATE FOREST.
- CONSTRUCTION EQUIPMENT SHALL NOT BE WASHED IN THE AREAS IN WHICH RUNOFF WILL DRAIN INTO THE WETLANDS.
- STOKES STATE FOREST LANDS ADJACENT TO THE PROJECT AREA, OTHER THAN THE ACQUIRED PARCELS AND EASEMENTS, SHALL NOT BE ACCESSED AND SHALL BE LINED WITH BLAZE ORANGE SNOW FENCE DURING CONSTRUCTION.
- THE CONTRACTOR IS REQUIRED TO VISIT THE SENSITIVE AREAS PERIODICALLY AND TO INSURE THE EROSION CONTROLS ARE FUNCTIONING PROPERLY AND INTRODUCE ADDITIONAL CONTROL IF IT IS NECESSARY. ALSO, ANY ADDITIONAL EROSION AND SEDIMENTATION THAT OCCURS WITHIN THE PROJECT SITE NEEDS TO BE PROPERLY ADDRESSED.
- ALL CONSTRUCTION SOIL DISTURBANCES, INCLUDING UTILITY REMOVAL AND INSTALLATION, WHEN SOIL IS SUBJECT TO MOVEMENT OUTSIDE OF THE PROJECT LIMITS, WILL REQUIRE SILT FENCES AROUND THE TEMPORARY CONSTRUCTION DISTURBANCE. AN IF AND WHERE QUANTITY OF HEAVY DUTY SILT FENCE HAS BEEN INCLUDED FOR THIS SHOULD THE NEED ARISE.
- STANDARD NOISE CONTROLS SHALL BE INCORPORATED AS OUTLINED IN THE STANDARD SPECIFICATIONS.
- ALL TERMS AND CONDITIONS OF THE ENVIRONMENTAL PERMITS SHALL BE ADHERED TO. NO CHANGES CAN BE MADE WITHOUT PRIOR APPROVAL BY THE N.J.D.E.P.
- A COPY OF THE N.J.D.E.P. PERMITS SHALL BE KEPT AT THE WORK SITE AND SHALL BE EXHIBITED UPON REQUEST OF ANY PERSON. THE CONTRACTOR IS RESPONSIBLE TO COMPLY WITH ALL OF THE ENVIRONMENTAL COMMITMENTS AND PERMIT CONDITIONS.
- TURBID WATER FROM TRENCH CONSTRUCTION DEWATERING TO BE ROUTED TO TEMPORARY SEDIMENT BASINS. THE TEMPORARY DEWATERING BASINS TO BE LOCATED OUTSIDE OF ALL WETLAND AREAS AND SIZED APPROPRIATELY TO ENSURE SETTLING OF SUSPENDED PARTICULATES PRIOR TO RETURN DISCHARGE. THE RETURN WATER TO BE DISCHARGED TO AN AREA THAT IS ENCOMPASSED BY SILT FENCE TO PREVENT MIGRATION OF TURBIDITY OR SOIL EROSION.
- 3.6M WIDE TIMBER DRIVEWAY MATTING TO BE INSTALLED WITHIN WETLANDS AREAS CONTAINED IN THE CONSTRUCTION AND MAINTENANCE EASEMENTS FOR THE PROPOSED RETAINING WALLS. THE MATTING SHALL BE LAID DIRECTLY ON THE ORIGINAL GROUND IN WETLAND AREAS OR TOPSOIL SUBGRADE (WHERE EXCAVATION IS REQUIRED IN FRONT OF THE RETAINING WALLS). THE PROPOSED EDGE OF MATTING TO BE SET A MAXIMUM OF 4.5M FROM THE PROPOSED RETAINING WALL FACES. SEE SHEETS C-3 & C-4 FOR CONSTRUCTION AND MAINTENANCE EASEMENT LIMITS.
- THE PROPOSED SILT FENCE AND SNOW FENCE OFFSETS ARE SHOWN EXAGGERATED FOR CLARITY PURPOSES. THE CONTRACTOR SHALL INSTALL THE FENCING AT THE INDICATED SLOPE LIMITS.
- PERMITTED WETLAND DISTURBANCE AREAS ARE AS FOLLOWS:

PERMANENT WETLAND DISTURBANCE	0.283 ACRES (INCLUDES VERNAL POOL)
TEMPORARY WETLAND DISTURBANCE	0.203 ACRES (INCLUDES VERNAL POOL)
PERMANENT TRANSITION AREA DISTURBANCE	1.189 ACRES
TEMPORARY TRANSITION AREA DISTURBANCE	1.933 ACRES
VERNAL POOL DISTURBANCE	0.077 ACRES

SOIL EROSION & SEDIMENT CONTROL NOTES APPLICABLE TO ALL SHEETS

- ALL SEDIMENT CONTROL PRACTICES ARE TO BE INSTALLED PRIOR TO ANY MAJOR SOIL REMOVAL DISTURBANCE, OR IN THEIR PROPER SEQUENCE AND MAINTAINED UNTIL PERMANENT PROTECTION IS ESTABLISHED.
- ALL DISTURBED AREAS NOT SCHEDULED FOR CONSTRUCTION ACTIVITIES WITHIN 30 DAYS OF DISTURBANCE SHALL BE STABILIZED BY APPLYING TEMPORARY VEGETATIVE COVER PER SECTION 1-1 OF N.J.D.O.T. SOIL EROSION AND SEDIMENT CONTROL MANUAL (S.E.S.C.M.).
- PERMANENT VEGETATIVE COVER SHALL BE SEEDED ON ALL EXPOSED AREAS WITHIN 10 DAYS AFTER GRADING IS COMPLETED. PERMANENT VEGETATIVE COVER SHALL BE CONSTRUCTED IN ACCORDANCE WITH SECTION 1-2 OF N.J.D.O.T. S.E.S.C.M.
- EXPOSED AREAS SHALL BE TREATED WITH 100mm OF TOPSOIL PRIOR TO FINAL STABILIZATION.
- ALL TOPSOIL STRIPPED AND STOCKPILED FOR USE IN FINAL GRADING SHALL RECEIVE TEMPORARY VEGETATIVE COVER.
- ALL SOIL EROSION AND SEDIMENT CONTROL PRACTICES SHALL BE LEFT IN PLACE, INSPECTED AND MAINTAINED ON A REGULAR BASIS THROUGH THE LIFE OF THE PROJECT.
- THE REQUIRED TYPICAL SOIL EROSION MEASURES SHALL CONFORM TO THE STANDARD DETAILS AS PRESENTED IN THE N.J.D.O.T. S.E.S.C.M.
- SOIL EROSION CONTROL STANDARDS REQUIRE THE INSTALLATION OF A 15Mx10Mx150MM PAD OF 40MM TO 50MM STONE, AT ALL CONSTRUCTION DRIVEWAYS, IMMEDIATELY AFTER INITIAL SITE DISTURBANCE.
- PAVED ROADWAYS WILL BE MAINTAINED IN A CLEAN CONDITION.
- ACCORDING TO N.J.A.C. 7:26-1 ET. SEQ., THE REUSE OF ANY SOLID WASTE (I.E. BROKEN CONCRETE, BITUMINOUS CONCRETE, BRICKS, BLOCKS OR RUBBLE) AS FILL MATERIAL MUST HAVE N.J.D.E.P. APPROVAL. THE DISPOSAL OF ANY SOLID WASTE MUST HAVE APPROVAL FROM THE SOLID WASTE MANAGEMENT DISTRICT IN WHICH THE MATERIAL ORIGINATES.

PAY ITEM NO.	STD. ITEM NO.	TO BE CONSTRUCTED	CONTRACT QUANTITY
27	2L06A	HEAVY DUTY SILT FENCE	410 L.M.
28	2L22C	INLET FILTERS	6 UNIT
78	6N16S	SNOW FENCE, PLASTIC	543 L.M.
111	N2L01	TIMBER DRIVEWAY MATTING	756 S.M.

LEGEND FOR ENVIRONMENTAL PLANS :

- INLET FILTER
- B-12 B-11 FRESHWATER WETLANDS/WATERS BOUNDARY LINE
- FRESHWATER WETLANDS TRANSITION AREA BOUNDARY
- SILT FENCE, HEAVY DUTY
- SNOW FENCE, PLASTIC
- TIMBER DRIVEWAY MATTING

NOTE:
THE FRESHWATER WETLANDS / WATERS BOUNDARY LINES SHOWN
HEREON AS VERIFIED BY NJDEP LURP FILE #1917-02-0002.1;
DATED JULY 15, 2002.

LEGEND

- = SENSITIVE AREA - WETLANDS AREAS A, B, C, E & F
SEE ENVIRONMENTAL PLANS EP-1 & EP-2
- = SENSITIVE AREA - WETLANDS AREA D, VERNAL POOL
SEE ENVIRONMENTAL PLAN EP-2

ADDENDUM #3
ATTACHMENT #4

PERMITS			CONDITIONS
PERMIT TYPE	ISSUED	EXPIRES	
1. N.J.D.E.P. FRESHWATER WETLANDS INDIVIDUAL PERMIT & WATER QUALITY CERTIFICATION FILE NO. 1917-02-0002.1	8/12/03	8/12/08	1. TURBIDITY GENERATING ACTIVITIES WITHIN REGULATED AREAS IS PROHIBITED BETWEEN SEPTEMBER 15 AND MAY 15 OF EACH YEAR. 2. CONSTRUCTION ACTIVITIES IN THE WETLAND "D" VERNAL POOL AREA IS PROHIBITED BETWEEN FEBRUARY 15 AND AUGUST 15 OF EACH YEAR.
2. N.J.D.E.P. STREAM ENCROACHMENT PERMIT NO. 1917-02-0002.1, SEA 030001	8/12/03	8/12/08	1. TURBIDITY GENERATING ACTIVITIES WITHIN REGULATED AREAS IS PROHIBITED BETWEEN SEPTEMBER 15 AND MAY 15 OF EACH YEAR.

NEW JERSEY DEPARTMENT OF TRANSPORTATION

ENVIRONMENTAL PLANS

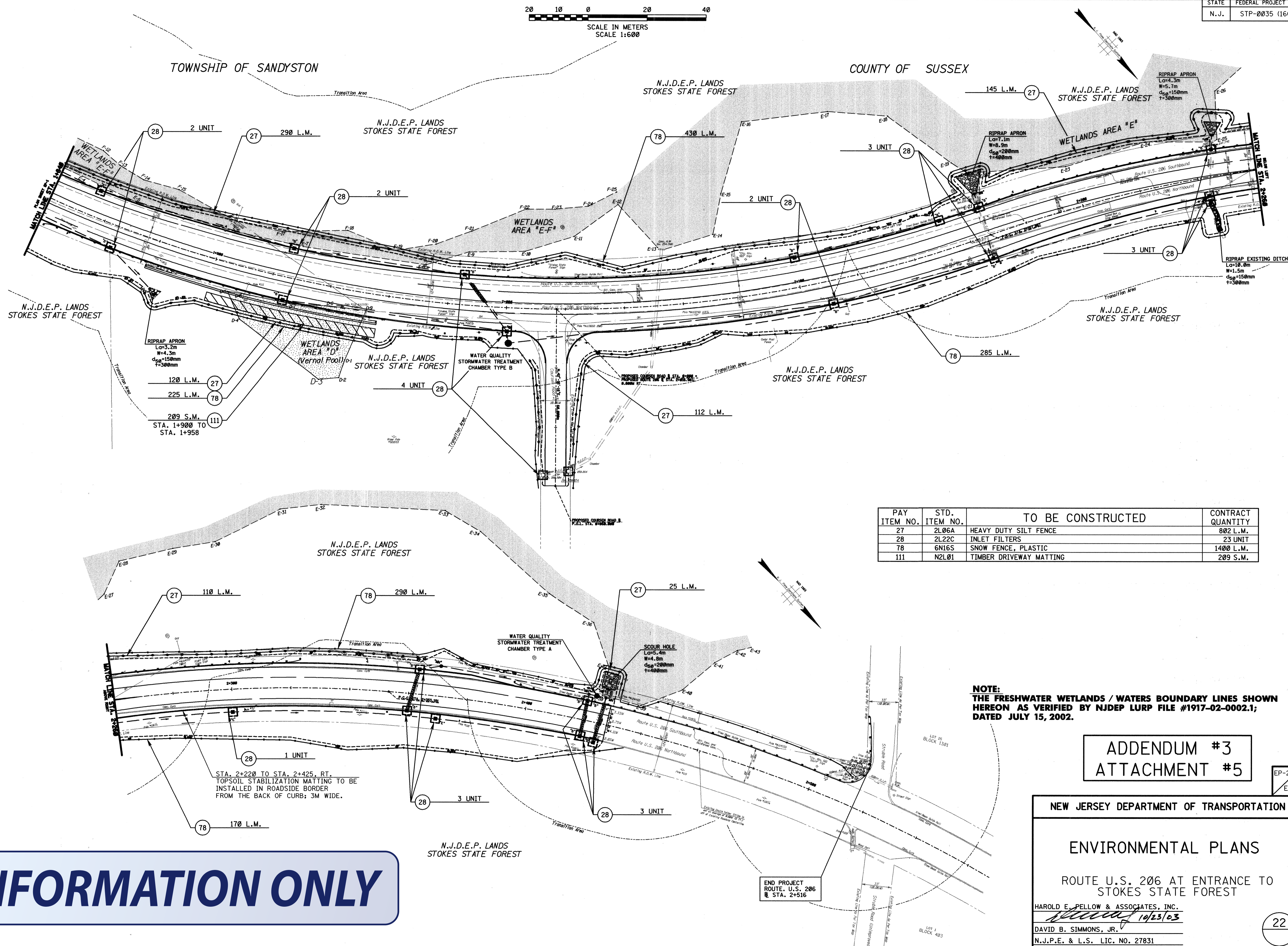
ROUTE U.S. 206 AT ENTRANCE TO
STOKES STATE FOREST

HAROLD E. PELLOW & ASSOCIATES, INC.

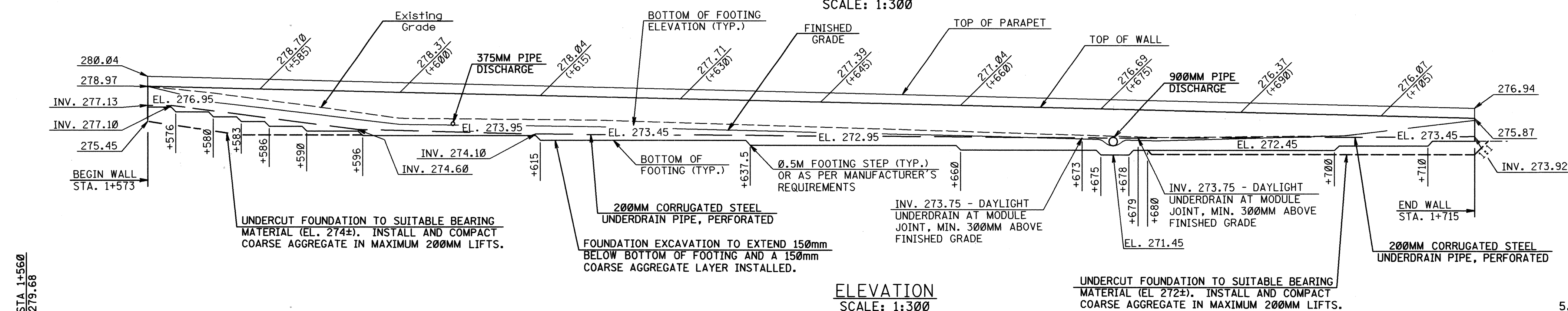
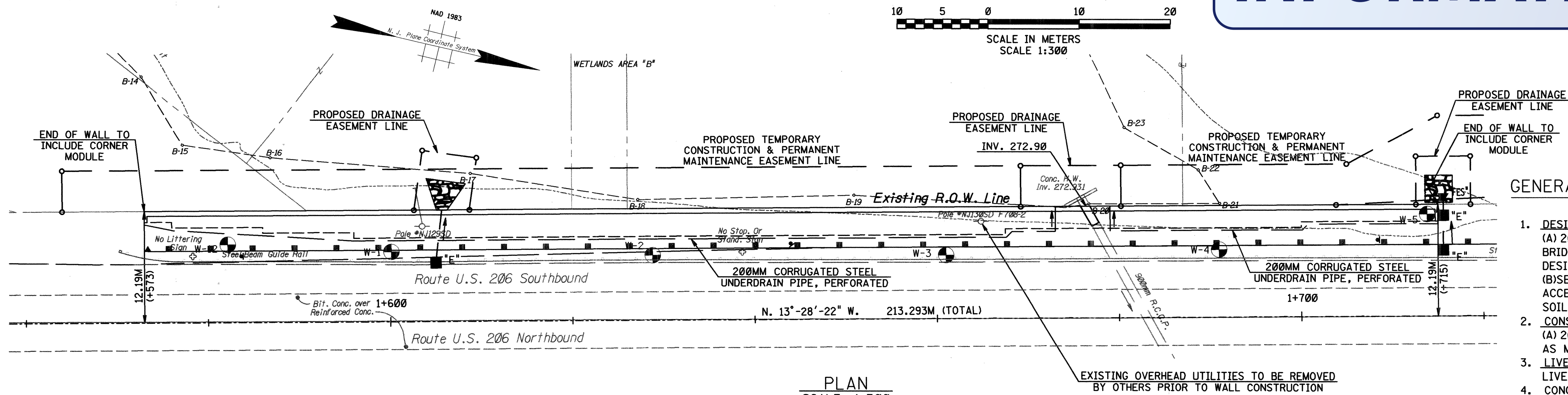
10/23/03

DAVID B. SIMMONS, JR.

N.J.P.E. & L.S. LIC. NO. 27831



INFORMATION ONLY

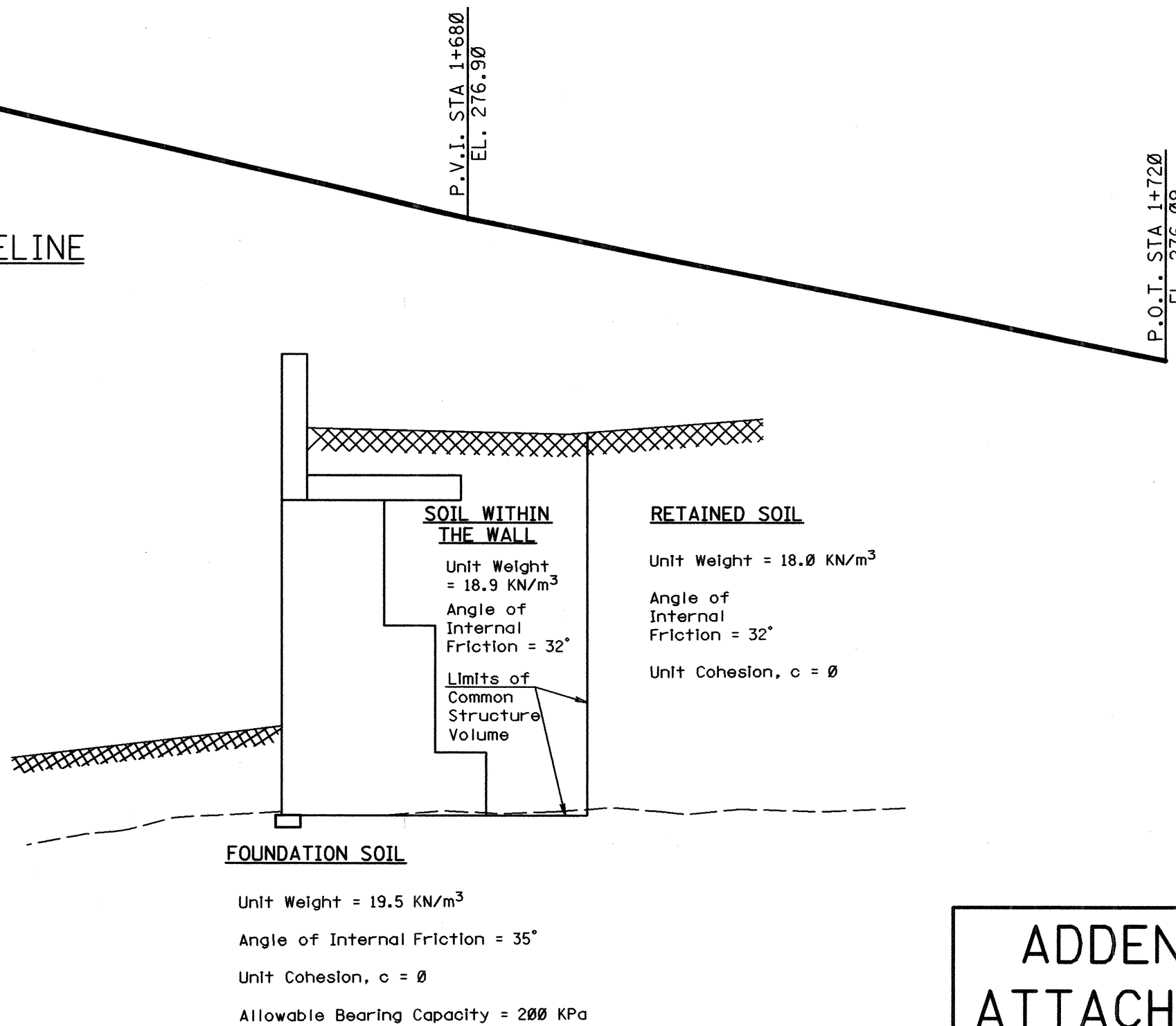


WORK ITEMS - WALL 1			
FOR INFORMATION ONLY (Price to be Included in Wall Items)			
DESCRIPTION		UNIT	APPROXIMATE QUANTITY
		T-WALL	DOUBLEWAL
FOUNDATION EXCAVATION*		C.M.	800
CONCRETE IN STRUCTURES, FOOTINGS		C.M.	7
POROUS FILL I-9		C.M.	810
200 MM CORRUGATED STEEL UNDERDRAIN PIPE		L.M.	144
SPECIFIED BACKFILL		C.M.	620
CONCRETE MODULAR WALL UNITS**		S.M.	700
COARSE AGGREGATE		C.M.	270

* FOUNDATION EXCAVATION INCLUDES ANTICIPATED UNDERCUT AS SHOWN ON THE ELEVATION OF THE PROPOSED WALL.

** THE SQUARE METERS OF MODULAR UNITS INCLUDES THE PROPOSED PRECAST PARAPET ON TOP OF THE UNITS. APPROXIMATELY 142 METERS OF PRECAST PARAPET WILL BE REQUIRED.

ROUTE U.S. 206 BASELINE
PROFILE
SCALE: 1:300 HORIZ.
1:30 VERT.



GENERAL NOTES:

- DESIGN SPECIFICATIONS:
(A) 2002 (17th EDITION) AASHTO STANDARD SPECIFICATIONS FOR HIGHWAY BRIDGES, WITH CURRENT INTERIMS, AS MODIFIED BY SECTION 3A OF NJDOT DESIGN MANUAL FOR BRIDGES AND STRUCTURES.
(B) SEISMIC PERFORMANCE CATEGORY (SPC) B
ACCELERATION COEFFICIENT "A" = 0.18
SOIL PROFILE TYPE I
- CONSTRUCTION SPECIFICATIONS:
(A) 2001 NJDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AS MODIFIED BY THE SPECIAL PROVISIONS.
- LIVE LOAD:
LIVE LOAD SURCHARGE EQUAL TO 0.6 METERS OF EARTH PRESSURE.
- CONCRETE DESIGN STRESSES:
(A) SPECIFIED DESIGN COMPRESSIVE STRENGTHS (f'c)
(IN ACCORDANCE WITH THE RETEST LIMIT FOR PAY-ADJUSTMENT ITEMS AS SPECIFIED IN TABLE 914-4 OF THE NJDOT STANDARD SPECIFICATIONS AND AS MODIFIED BY THE SPECIAL PROVISIONS).
CLASS A CONCRETE (PARAPETS) -----28 MPa
CLASS B CONCRETE (FOOTINGS, LEVELING PADS) -----21 MPa
CLASS P CONCRETE (PRECAST UNITS) -----35 MPa
(THE RETEST LIMIT FOR NON-PAY-ADJUSTMENT ITEMS SHALL BE AS SPECIFIED ON THE LAST LINE OF TABLE 914-4 OF THE NJDOT STANDARD SPECIFICATIONS AND AS MODIFIED BY THE SPECIAL PROVISIONS).
(B) CLASS DESIGN STRENGTHS
(IN ACCORDANCE WITH TABLE 914-3 OF NJDOT STANDARD SPECIFICATIONS)
CLASS A CONCRETE (PARAPETS) -----32 MPa
CLASS B CONCRETE (FOOTINGS, LEVELING PADS) -----26 MPa
CLASS P CONCRETE (PRECAST UNITS) -----38 MPa
(C) ALLOWABLE STRENGTHS, EXTREME FIBER IN COMPRESSION (fc)
(IN ACCORDANCE WITH TABLE 914-3 OF NJDOT STANDARD SPECIFICATIONS)
CLASS A CONCRETE (PARAPETS) -----11.2 MPa
CLASS B CONCRETE (FOOTINGS, LEVELING PADS) -----8.4 MPa
CLASS P CONCRETE (PRECAST UNITS) -----14.0 MPa
- REINFORCEMENT STEEL:
ASTM A615 GRADE 420 (165 MPa)
- BORINGS:
LOG NO. INDICATES LOCATION OF BORINGS
- PREAPPROVED ALTERNATES:
AT THIS LOCATION, ALTERNATE WALL TYPES ARE PERMITTED.
LISTED BELOW ARE THE WALL TYPES THAT MAY BE USED
PREFABRICATED MODULAR WALLS
- WALLS SHALL BE DESIGNED USING THE FOLLOWING PARAMETERS:
SLIDING FACTOR OF SAFETY -----1.5
OVERTURNING FACTOR OF SAFETY -----2.0

WORKING ITEMS:

- WORK ITEMS WILL BE GOVERNED BY THE APPROPRIATE SECTIONS OF THE SPECIFICATIONS.
- ALL ITEMS OF WORK TO COMPLETE THE COMMON STRUCTURE VOLUME SHALL BE FULLY DETAILED ON THE SHOP DRAWINGS AND SHALL BE CONSISTENT WITH THE DETAILS SHOWN ON THESE PLANS AND SPECIFICATIONS.
- ROADWAY EXCAVATION IS NOT INCLUDED AS A WORK ITEM AND IS PAID FOR SEPARATELY.
- PROPOSED MODULAR WALL UNITS TO BE DESIGNED AND SHOP DRAWINGS DETAILED TO ACCOMMODATE THE PROPOSED DRAINAGE PIPE DISCHARGES.

NOTE: ALL DIMENSIONS SHOWN ON THIS SHEET ARE IN METRIC UNITS.

NEW JERSEY DEPARTMENT OF TRANSPORTATION
BUREAU OF STRUCTURAL ENGINEERING

RETAINING WALL 1
CONTROL PLAN
ROUTE U.S. 206 AT ENTRANCE TO
STOKES STATE FOREST
SANDYSTON TOWNSHIP SUSSEX COUNTY

HAROLD E. BELLOW & ASSOCIATES, INC.
1/23/03
DAVID B. SIMMONS, JR.
N.J.P.E. & L.S. LIC. NO. 27831

SCALE: AS SHOWN
BRIDGE SHEET NO. B2 OF B5

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ADDENDUM #3
ATTACHMENT #14

GENERAL NOTES:

- DESIGN SPECIFICATIONS:
(A) 2002 (17th EDITION) AASHTO STANDARD SPECIFICATIONS FOR HIGHWAY BRIDGES, WITH CURRENT INTERIMS, AS MODIFIED BY SECTION 3A OF NJDOT DESIGN MANUAL FOR BRIDGES AND STRUCTURES.
(B) SEISMIC PERFORMANCE CATEGORY (SPC) B
ACCELERATION COEFFICIENT "A" = 0.18
SOIL PROFILE TYPE I
- CONSTRUCTION SPECIFICATIONS:
(A) 2001 NJDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AS MODIFIED BY THE SPECIAL PROVISIONS.
- LIVE LOAD:
LIVE LOAD SURCHARGE EQUAL TO 0.6 METERS OF EARTH PRESSURE.
- CONCRETE DESIGN STRESSES:
(A) SPECIFIED DESIGN COMPRESSIVE STRENGTHS (f'c)
(IN ACCORDANCE WITH THE RETEST LIMIT FOR PAY-ADJUSTMENT ITEMS AS SPECIFIED IN TABLE 914-4 OF THE NJDOT STANDARD SPECIFICATIONS AND AS MODIFIED BY THE SPECIAL PROVISIONS).
CLASS A CONCRETE (PARAPETS) -----28 MPa
CLASS B CONCRETE (FOOTINGS, LEVELING PADS) -----21 MPa
CLASS P CONCRETE (PRECAST UNITS) -----35 MPa
(THE RETEST LIMIT FOR NON-PAY-ADJUSTMENT ITEMS SHALL BE AS SPECIFIED ON THE LAST LINE OF TABLE 914-4 OF THE NJDOT STANDARD SPECIFICATIONS AND AS MODIFIED BY THE SPECIAL PROVISIONS).
(B) CLASS DESIGN STRENGTHS
(IN ACCORDANCE WITH TABLE 914-3 OF NJDOT STANDARD SPECIFICATIONS)
CLASS A CONCRETE (PARAPETS) -----32 MPa
CLASS B CONCRETE (FOOTINGS, LEVELING PADS) -----26 MPa
CLASS P CONCRETE (PRECAST UNITS) -----38 MPa
(C) ALLOWABLE STRENGTHS, EXTREME FIBER IN COMPRESSION (fc)
(IN ACCORDANCE WITH TABLE 914-3 OF NJDOT STANDARD SPECIFICATIONS)
CLASS A CONCRETE (PARAPETS) -----11.2 MPa
CLASS B CONCRETE (FOOTINGS, LEVELING PADS) -----8.4 MPa
CLASS P CONCRETE (PRECAST UNITS) -----14.0 MPa
- REINFORCEMENT STEEL:
ASTM A615 (GRADE 420 (165 MPa))
- BORINGS:
INDICATES LOCATION OF BORINGS
- LOG NO.
PREAPPROVED ALTERNATES:
AT THIS LOCATION, ALTERNATE WALL TYPES ARE PERMITTED.
LISTED BELOW ARE THE WALL TYPES THAT MAY BE USED
PREFABRICATED MODULAR WALLS
WALLS SHALL BE DESIGNED USING THE FOLLOWING PARAMETERS:
SLIDING FACTOR OF SAFETY -----1.5
OVERTURNING FACTOR OF SAFETY -----2.0

WORKING ITEMS:

- WORK ITEMS WILL BE GOVERNED BY THE APPROPRIATE SECTIONS OF THE SPECIFICATIONS.
- ALL ITEMS OF WORK TO COMPLETE THE COMMON STRUCTURE VOLUME SHALL BE FULLY DETAILED ON THE SHOP DRAWINGS AND SHALL BE CONSISTENT WITH THE DETAILS SHOWN ON THESE PLANS AND SPECIFICATIONS.
- ROADWAY EXCAVATION IS NOT INCLUDED AS A WORK ITEM AND IS PAID FOR SEPARATELY.
- PROPOSED MODULAR WALL UNITS TO BE DESIGNED AND SHOP DRAWINGS DETAILED TO ACCOMMODATE THE PROPOSED DRAINAGE PIPE DISCHARGES.

NOTE: ALL DIMENSIONS SHOWN ON THIS SHEET ARE IN METRIC UNITS.



NEW JERSEY DEPARTMENT OF TRANSPORTATION
BUREAU OF STRUCTURAL ENGINEERING

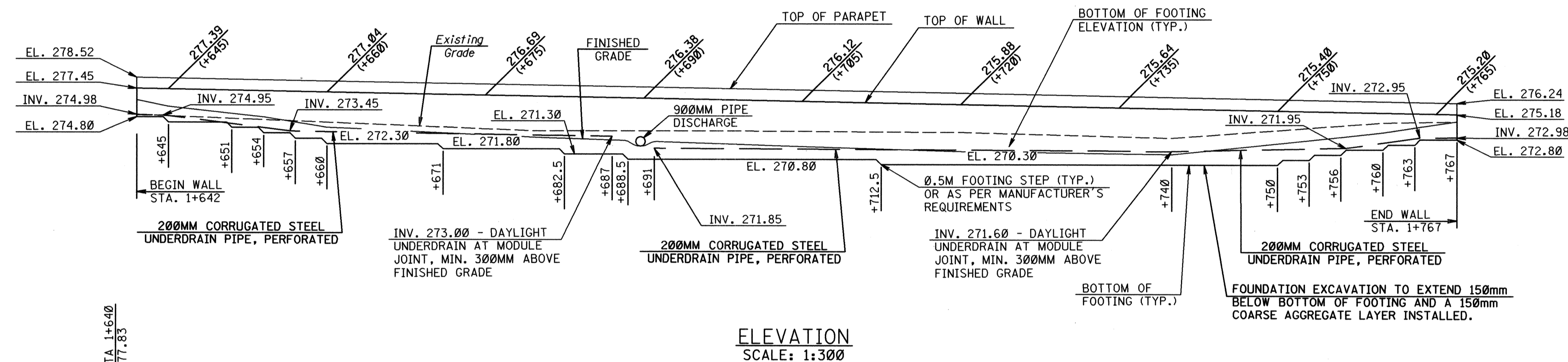
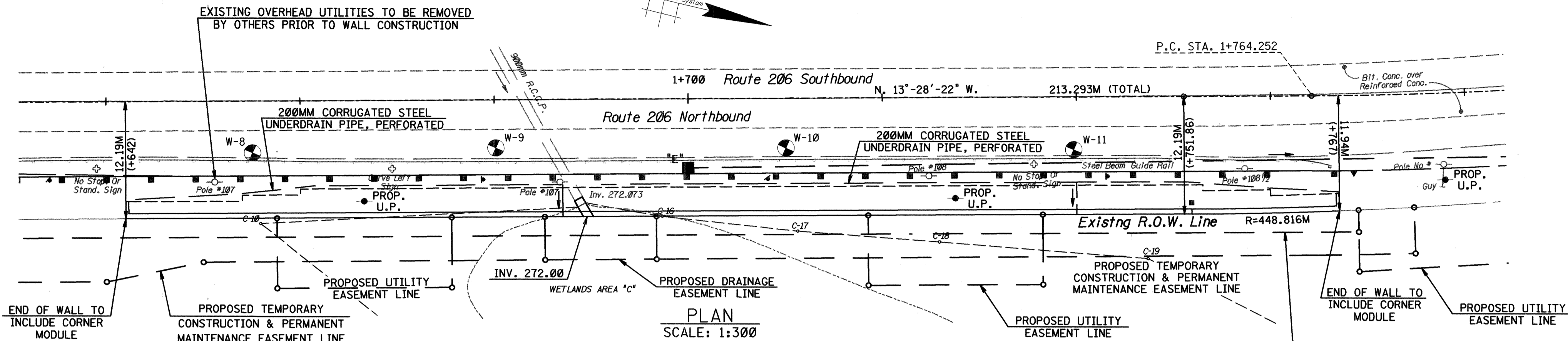
RETAINING WALL 2
CONTROL PLAN
ROUTE U.S. 206 AT ENTRANCE TO
STOKES STATE FOREST
SANDYSTON TOWNSHIP SUSSEX COUNTY

HAROLD E. PELLOW & ASSOCIATES, INC.
DAVID B. SIMMONS, JR.
N.J.P.E. & L.S. LIC. NO. 27831

SCALE : AS SHOWN
BRIDGE
SHEET NO. B3 OF B5

73

SCALE IN METERS
SCALE 1:300



ROUTE U.S. 206 BASELINE
PROFILE
SCALE: 1:300 HORIZ.
1:30 VERT.

WORK ITEMS - WALL 2

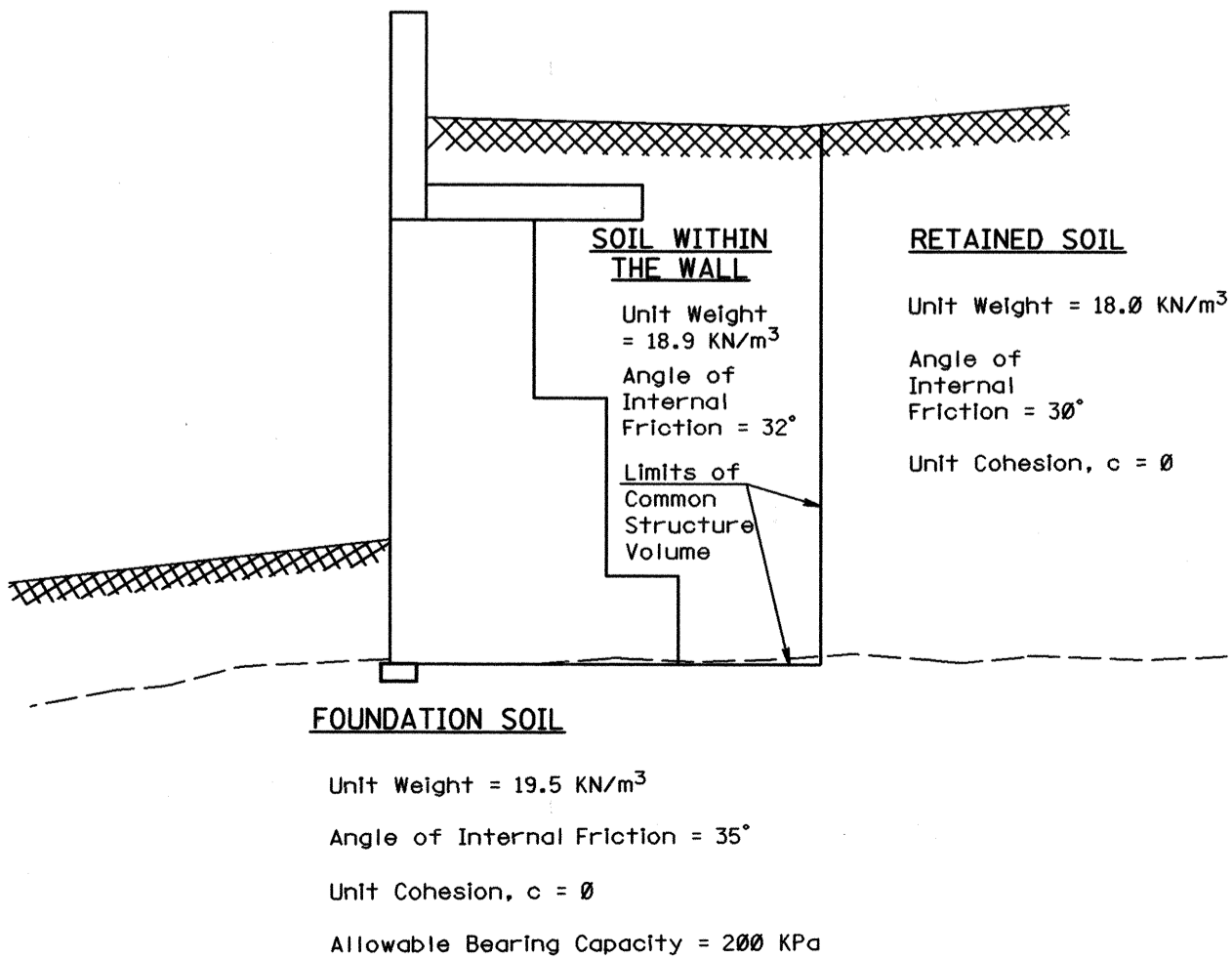
FOR INFORMATION ONLY (Price to be Included In Wall Items)

DESCRIPTION	UNIT	APPROXIMATE QUANTITY	
		T-WALL	DOUBLEWALL
FOUNDATION EXCAVATION	C.M.	585	585
CONCRETE IN STRUCTURES, FOOTINGS	C.M.	6	18
POROUS FILL I-9	C.M.	850	850
200 MM CORRUGATED STEEL UNDERDRAIN PIPE	L.M.	126	126
SPECIFIED BACKFILL	C.M.	770	770
CONCRETE MODULAR WALL UNITS**	S.M.	710	710
COARSE AGGREGATE	C.M.	135	135

** THE SQUARE METERS OF MODULAR UNITS INCLUDES THE PROPOSED PRECAST PARAPET ON TOP OF THE UNITS. APPROXIMATELY 125 METERS OF PRECAST PARAPET WILL BE REQUIRED.


CONTROL SECTION		JOB NO.	
DES. BY	M. MILLER	CHK. BY	C. STONER
DWN. BY	R. DIONNE	CHK. BY	C. STONER
EST. BY	M. MILLER	CHK. BY	C. STONER
SPECS. BY		CHK. BY	
IN CHARGE OF			

ESTIMATE OF QUANTITIES - WALL 2				
PAY ITEM NO.	STANDARD ITEM NO.	DESCRIPTION	UNIT	CONTRACT QUANTITY
115	5U02D	RETAINING WALL, LOCATION NO. 2	S.M.	710
117	2F10A	COARSE AGGREGATE LAYER	C.M.	135
118	2F12E	FOUNDATION EXCAVATION	C.M.	585



ADDENDUM #3
ATTACHMENT #15

GENERAL NOTES:


- DESIGN SPECIFICATIONS:**
(A) 2002 (17th EDITION) AASHTO STANDARD SPECIFICATIONS FOR HIGHWAY BRIDGES, WITH CURRENT INTERIMS, AS MODIFIED BY SECTION 3A OF NJDOT DESIGN MANUAL FOR BRIDGES AND STRUCTURES.
(B) SEISMIC PERFORMANCE CATEGORY (SPC) B
ACCELERATION COEFFICIENT "A" = 0.18
SOIL PROFILE TYPE I
- CONSTRUCTION SPECIFICATIONS:**
(A) 2001 NJDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AS MODIFIED BY THE SPECIAL PROVISIONS.
- LIVE LOAD:**
LIVE LOAD SURCHARGE EQUAL TO 0.6 METERS OF EARTH PRESSURE.
- CONCRETE DESIGN STRESSES:**
(A) SPECIFIED DESIGN COMPRESSIVE STRENGTHS (f'_c)
(IN ACCORDANCE WITH THE RETEST LIMIT FOR PAY-ADJUSTMENT ITEMS AS SPECIFIED IN TABLE 914-4 OF THE NJDOT STANDARD SPECIFICATIONS AND AS MODIFIED BY THE SPECIAL PROVISIONS).
CLASS A CONCRETE (PARAPETS) -----28 MPa
CLASS B CONCRETE (FOOTINGS, LEVELING PADS) -----21MPa
CLASS P CONCRETE (PRECAST UNITS)-----35MPa
(THE RETEST LIMIT FOR NON-PAY-ADJUSTMENT ITEMS SHALL BE AS SPECIFIED ON THE LAST LINE OF TABLE 914-4 OF THE NJDOT STANDARD SPECIFICATIONS AND AS MODIFIED BY THE SPECIAL PROVISIONS).
(B) CLASS DESIGN STRENGTHS
(IN ACCORDANCE WITH TABLE 914-3 OF NJDOT STANDARD SPECIFICATIONS)
CLASS A CONCRETE (PARAPETS) -----32MPa
CLASS B CONCRETE (FOOTINGS, LEVELING PADS) -----26 MPa
CLASS P CONCRETE (PRECAST UNITS)-----38 MPa
(C) ALLOWABLE STRENGTHS, EXTREME FIBER IN COMPRESSION (f_c)
(IN ACCORDANCE WITH TABLE 914-3 OF NJDOT STANDARD SPECIFICATIONS)
CLASS A CONCRETE (PARAPETS) -----11.2 MPa
CLASS B CONCRETE (FOOTINGS, LEVELING PADS) -----8.4 MPa
CLASS P CONCRETE (PRECAST UNITS)-----14.0 MPa
- REINFORCEMENT STEEL:**
ASTM A615 (GRADE 420 (165 MPa))
- BORINGS:**  INDICATES LOCATION OF BORINGS
- LOG NO.**
PREAPPROVED ALTERNATES:
AT THIS LOCATION, ALTERNATE WALL TYPES ARE PERMITTED.
LISTED BELOW ARE THE WALL TYPES THAT MAY BE USED
PREFABRICATED MODULAR WALLS
- WALLS SHALL BE DESIGNED USING THE FOLLOWING PARAMETERS:**
SLIDING FACTOR OF SAFETY -----1.5
OVERTURNING FACTOR OF SAFETY -----2.0

WORKING ITEMS:

- WORK ITEMS WILL BE GOVERNED BY THE APPROPRIATE SECTIONS OF THE SPECIFICATIONS.
- ALL ITEMS OF WORK TO COMPLETE THE COMMON STRUCTURE VOLUME SHALL BE FULLY DETAILED ON THE SHOP DRAWINGS AND SHALL BE CONSISTENT WITH THE DETAILS SHOWN ON THESE PLANS AND SPECIFICATIONS.
- ROADWAY EXCAVATION IS NOT INCLUDED AS A WORK ITEM AND IS PAID FOR SEPARATELY.

ADDENDUM #3
ATTACHMENT #16

NOTE: ALL DIMENSIONS SHOWN ON THIS SHEET ARE IN METRIC UNITS.

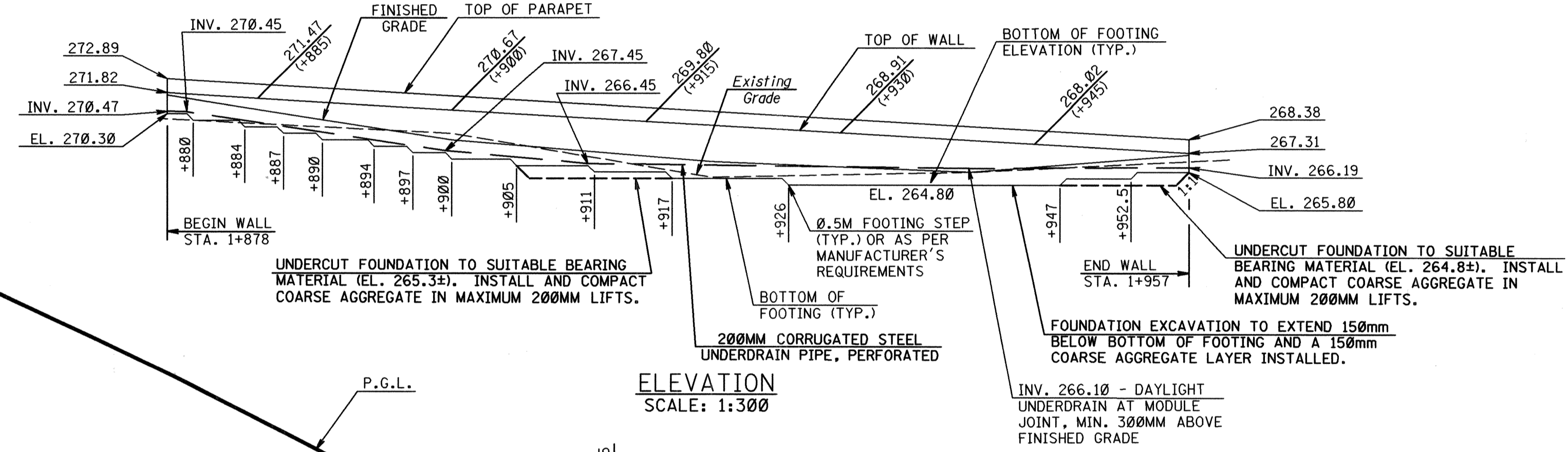
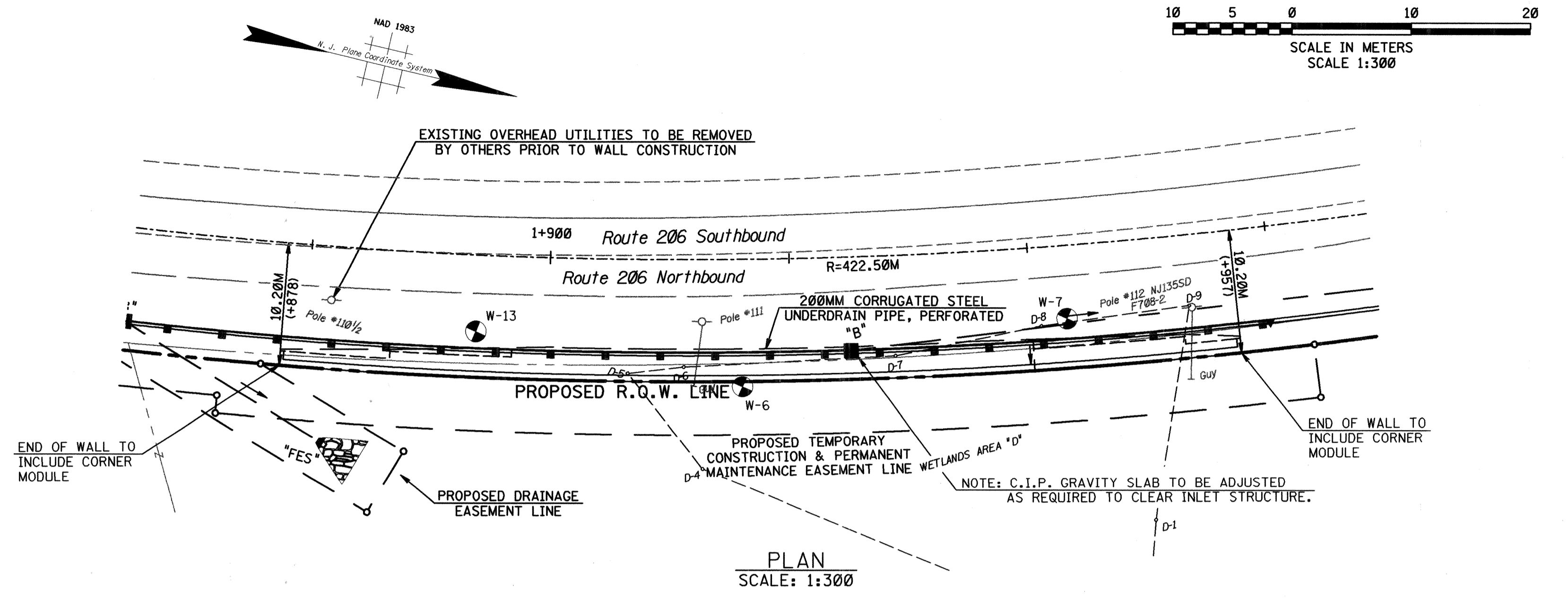
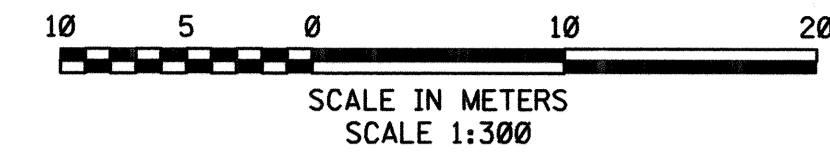
 NEW JERSEY DEPARTMENT OF TRANSPORTATION
BUREAU OF STRUCTURAL ENGINEERING

RETAINING WALL 3
CONTROL PLAN
ROUTE U.S. 206 AT ENTRANCE TO
STOKES STATE FOREST
SANDYSTON TOWNSHIP SUSSEX COUNTY

HAROLD E. PELLOW & ASSOCIATES, INC.
DAVID B. SIMMONS, JR.
N.J.P.E. & L.S. LIC. NO. 27831

SCALE: AS SHOWN
BRIDGE SHEET NO. B4 OF B5

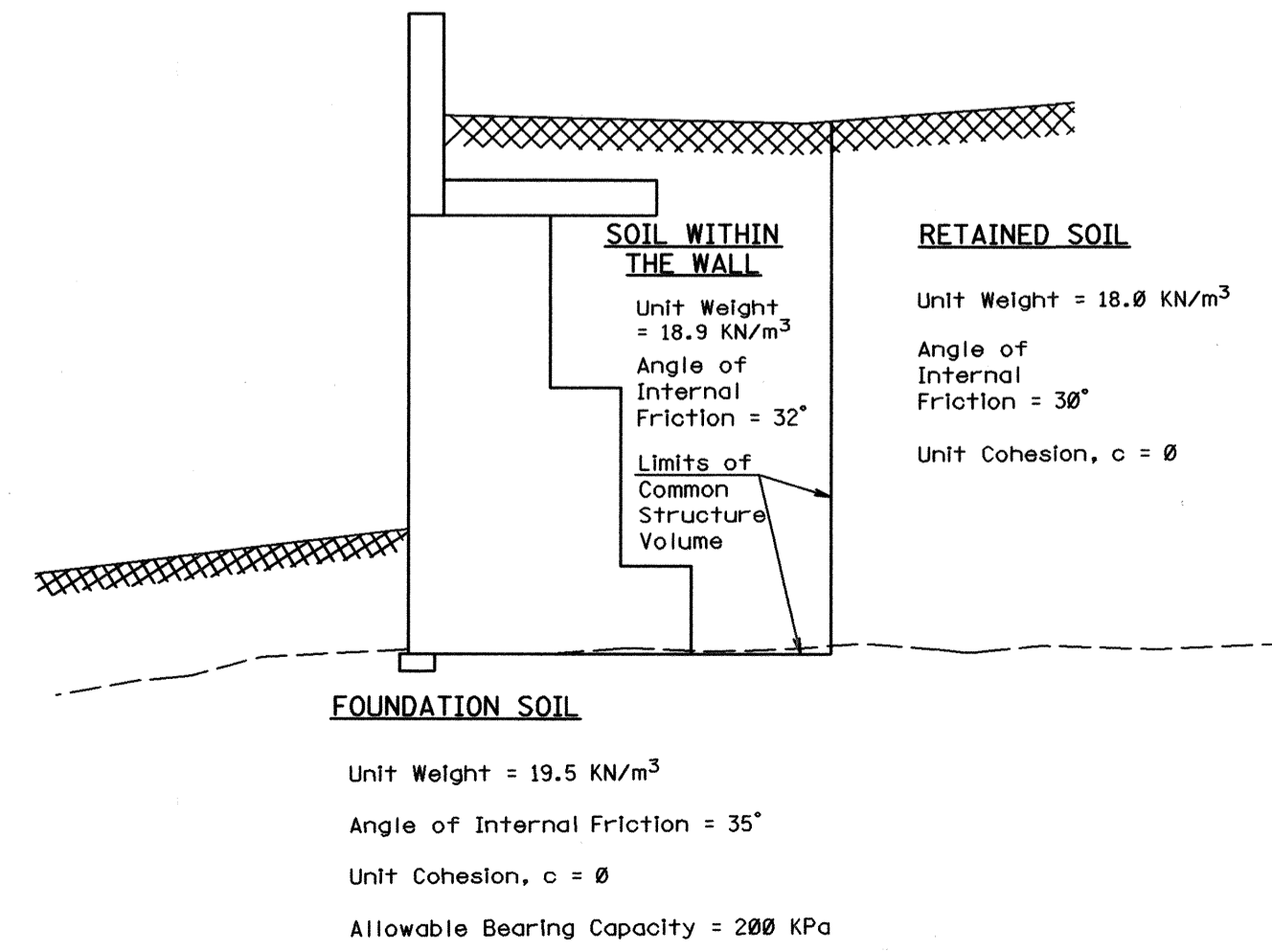
74



WORK ITEMS - WALL 3			
FOR INFORMATION ONLY (Price to be included in Wall Items)			
DESCRIPTION	UNIT	APPROXIMATE QUANTITY	
		T-WALL	DOUBLEWAL
FOUNDATION EXCAVATION*	C.M.	300	300
CONCRETE IN STRUCTURES, FOOTINGS	C.M.	4	11
POROUS FILL 1-9	C.M.	290	290
200 MM CORRUGATED STEEL UNDERDRAIN PIPE	L.M.	83	83
SPECIFIED BACKFILL	C.M.	255	205
CONCRETE MODULAR WALL UNITS**	S.M.	335	335
COARSE AGGREGATE	C.M.	100	100

- FOUNDATION EXCAVATION INCLUDES ANTICIPATED UNDERCUT AS SHOWN ON THE ELEVATION OF THE PROPOSED WALL.
- ** THE SQUARE METERS OF MODULAR UNITS INCLUDES THE PROPOSED PRECAST PARAPET ON TOP OF THE UNITS. APPROXIMATELY 79 METERS OF PRECAST PARAPET WILL BE REQUIRED.

ROUTE U.S. 206 BASELINE
PROFILE
SCALE: 1:300 HORIZ.
1:30 VERT.



ESTIMATE OF QUANTITIES - WALL 3				
PAY ITEM NO.	STANDARD ITEM NO.	DESCRIPTION	UNIT	CONTRACT QUANTITY
116	5U03D	RETAINING WALL, LOCATION NO. 3	S.M.	335
117	2F10A	COARSE AGGREGATE LAYER	C.M.	100
118	2F12E	FOUNDATION EXCAVATION	C.M.	300

CONTROL SECTION		JOB NO.	
DES. BY	M. MILLER	CHK. BY	C. STONER
DWN. BY	R. DIONNE	CHK. BY	C. STONER
EST. BY	M. MILLER	CHK. BY	C. STONER
SPECS. BY		CHK. BY	
IN CHARGE OF			



State of New Jersey

Department Of Transportation
1035 Parkway Avenue
PO Box 600
Trenton, New Jersey 08625-0600

James E. McGreevey
Governor

John F. Lettiere
Commissioner

ROUTE U.S. 206 At Entrance To Stokes State Forest

CONTRACT NO. 120950525

FEDERAL PROJECT NO. STP-0035 (166)

COUNTY OF Sussex

ADDENDUM NO. 4

INFORMATION ONLY

Gentlemen,

Transmitted herewith is ADDENDUM NO. 4 consisting of Page No. 1 for the above captioned Project.

The date for Receipt of Bids is POSTPONED to THURSDAY, December 18, 2003.

FOR PROSPECTIVE BIDDERS ONLY

An authorized representative of your organization shall acknowledge receipt of this information by signing the enclosed acknowledgement form and returning it to Mr. P. Cruz, Bureau of Construction Services, prior to the scheduled time for receipt of bids.

Henry J. Miller

Henry J. Miller, Manager
Bureau of Quality Assurance

DP#03124

Bid Date 12/18/03

0 Plan Sheets

c: K. Desai (3), H. Capers (2), R. Maruca, P. Cruz, H. Miller, R. Lee, B. Cook, J. Fasanella

To: P. Cruz, Bureau of Construction Services
NJDOT
1035 Parkway Avenue
Trenton, NJ 08625-0600

STATE OF NEW JERSEY
DEPARTMENT OF TRANSPORTATION

ACKNOWLEDGEMENT

Route U.S. 206 At Entrance To Stokes Forest

Acknowledgement is hereby made of the receipt of ADDENDUM No. 4 Containing information for the above referenced Project.

This acknowledgement is made by the Bidder, if an individual; by a partner, is a partnership; or by an officer of the corporation, if a corporation.

(Firm Name) _____
(Please Print or Type)

(Signature) _____

(Title) _____

(Date) _____

**NOTE: A BID PROPOSAL WILL NOT BE OPENED IF
A SIGNED ACKNOWLEDGEMENT HAS NOT
BEEN RECEIVED BY THE DEPARTMENT.**



State of New Jersey

Department Of Transportation
1035 Parkway Avenue
PO Box 600
Trenton, New Jersey 08625-0600

James E. McGreevey
Governor

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Commissioner

ROUTE U.S. 206 At Entrance To Stokes State Forest

CONTRACT NO. 120950525

FEDERAL PROJECT NO. STP-0035 (166)

COUNTY OF Sussex

ADDENDUM NO. 5

Gentlemen,

Transmitted herewith is ADDENDUM NO. 5 consisting of Page No. 1 for the above captioned Project.

FOR PROSPECTIVE BIDDERS ONLY

An authorized representative of your organization shall acknowledge receipt of this information by signing the enclosed acknowledgement form and returning it to Mr. P. Cruz, Bureau of Construction Services, prior to the scheduled time for receipt of bids.

Henry J. Miller

Henry J. Miller, Manager
Bureau of Quality Assurance

DP#03124

Bid Date 12/18/03

0 Plan Sheets

c: K. Desai (3), H. Capers (2), R. Maruca, P. Cruz, H. Miller, R. Lee, B. Cook, J. Fasanella

**ROUTE 206 AT THE ENTRANCE TO STOKES STATE FOREST
CONTRACT NO. 120950525
SUSSEX COUNTY**

**ADDENDUM NO 5
PAGE 1**

Effective August 16, 2003 the "Public Works Contractor Registration Act" (PWCRA), N.J.S. 34:11-56.48 et seq., requires all contractors (including subcontractors and lower tier subcontractors) who bid on, or enter into, NJDOT contracts subject to the "New Jersey Prevailing Wage Act," to register with the New Jersey Department of Labor, Division of Wage and Hour Compliance.

On October 7, 2003, the Federal Highway Administration determined that for all Federal-aid projects, including this project, NJDOT is required to defer implementation of the mandate of the PWCRA so that contractors need only be registered with the New Jersey Department of Labor, Division of Wage and Hour Compliance, prior to the time of contract execution.

To: P. Cruz, Bureau of Construction Services
NJDOT
1035 Parkway Avenue
Trenton, NJ 08625-0600

STATE OF NEW JERSEY
DEPARTMENT OF TRANSPORTATION

ACKNOWLEDGEMENT

Route U.S. 206 At Entrance To Stokes Forest

Acknowledgement is hereby made of the receipt of ADDENDUM No. 5 Containing information for the above referenced Project.

This acknowledgement is made by the Bidder, if an individual; by a partner, is a partnership; or by an officer of the corporation, if a corporation.

(Firm Name) _____
(Please Print or Type)

(Signature) _____

(Title) _____

(Date) _____

**NOTE: A BID PROPOSAL WILL NOT BE OPENED IF
A SIGNED ACKNOWLEDGEMENT HAS NOT
BEEN RECEIVED BY THE DEPARTMENT.**